

62
Gloeckner

New York, N.Y.

FLOWER SEEDS

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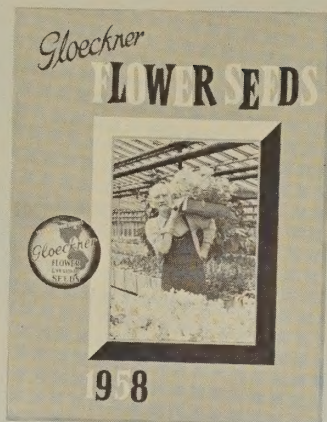
U. S. Department of Agriculture



1958

Fred C.
Gloeckner
Company
Incorporated

15 EAST 26th STREET, NEW YORK 10, N. Y.



COVER MAN 1958

James Leonard Montgomery was born in Harford County, Maryland, August 17, 1875. He began his long career in the florist industry in 1892 when he started to work for John Donn, Baltimore, Maryland. For the past eight years he has been employed by George W. Radebaugh & Sons, Towson, Maryland, and in the course of years was employed by Robert Craig and Erdman & Ulrich, Baltimore, as well as the Wilmington-Brandywine and Silverbrook cemeteries, Baltimore. Looking back over the years at the many fine crops of all kinds that Jim has grown for his employers, he is indeed an outstanding and successful grower. We and your many friends in the industry salute you, Jim, as a great gentleman of the old school.

Gloeckner

seeds, bulbs, plants and cuttings are selected with diligent care as to type, productiveness and freedom from disease so that you may have the best with which to build your prospective crops. **Our interest in you and your crops by no means ends with the sale. We are more than anxious to have the materials we sell, grow and prove profitable to you.**

BUSINESS TERMS:

ON OPEN ACCOUNT: (Flower Seeds Only). For Customers of Approved Credit 60 Days Net. The following discounts will be allowed on orders paid within 10 days: \$5.00 to \$25.00 2% — \$25.00 to \$100.00 5% — \$100.00 to \$300.00 8% — \$300.00 or more 10%.

CASH OR C.O.D. ORDERS: (Flower Seeds Only). Under \$5.00 net — \$5.00 to \$25.00 5% — \$25.00 to \$100.00 8% — \$100.00 to \$300.00 10% — \$300.00 or over 12%.

Prices in this catalog are subject to change without notice . . . All goods are offered subject to Crop Failures, Shortages or other causes beyond our control, and to being unsold on receipt of order . . . The prices in this catalog are for the trade only. For your own protection do not loan this catalog to anyone not entitled to Florist or Wholesale prices . . . Unknown correspondents desiring to open an account are requested to furnish three trade references with whom they have had credit relations.

WARRANTY AND LIMITATION OF LIABILITY: Subject to the limitations of liability herein set forth, we warrant that the seeds or bulbs sold are as described on the container, within recognized tolerances. Our liability on this warranty is limited in amount to the purchase price of the seeds or bulbs. In no event shall we be liable for the crop, or for any loss due to the failure, impairment or quality thereof or varietal variance therein, whether such loss results from breach of the foregoing warranty, from breach of any other provision of the buyer's contract for purchase of said seeds or bulbs, or from any other cause.

Fred C.
Gloeckner
&
Company,
Incorporated

15 EAST 26th STREET
NEW YORK 10, NEW YORK



Telephone ORegon 9-6460 - 6461

Cable Address: GLOECKNERS, N. Y.

NEW ANNUALS for 1958

PETUNIAS

MAYTIME—1958 All-America Selection—An outstanding F1 hybrid grandiflora. Flowers, a light salmon-pink with slightly deeper veining, measure 3½ to 4 inches across. Ideal for pots and bedding. (See page 18.)

BLUE LUSTRE—F1 Hybrid—A lighter and livelier blue than other strains, the flowers have a warm reddish undertone during hot weather. Blooms persistently during the entire summer. Plants are 1 foot tall and spread 2 feet but do not become barren in the center. (See page 18.)

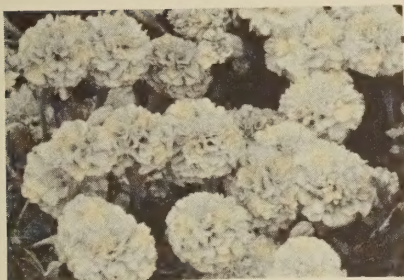


MAYTIME

F₂ PANORAMA SNAPDRAGONS

This excellent strain is produced from F1 hybrid parents. Because of the control over the parents involved in the original cross, the F2 generation breeds true to color and possesses most of the vigor of the true F1. However, the cost of producing such seed is less.

Beside an exceptional **Mixture** of colors, **Pink, Ivory, Yellow, Red, Lavender** can be ordered separately. See page 3 for prices.



PETITE MARIGOLDS

A new class of extra dwarf double French types, the varieties in this class called **Petite Orange, Petite Gold** and **Petite Harmony** are All-America bronze medal winners for 1958. **Petite Yellow**, which was not ready for entry at the time of the trials, is as outstanding as the three award winners. The Petite strain is distinctly different from any other class of marigold for it is bred to remain dwarf under conditions where other marigolds tend to grow rangy and wild with late flowering tendencies. An ideal new edging plant to recommend to your customers. (See page 17.)

WEE WILLIE SWEET WILLIAM

An entirely different strain of annual Sweet William, Wee Willie is ultra dwarf and compact in habit, perfect for an edging plant. The flowers are ¾ inch across, selfed, zoned and edged in combinations of crimson, ruby, deep rose pink, and white. Plant does not exceed 2 inches in height and blooms about seven to eight weeks after planting. (See page 25.)



YODER BROS. SUMMER SNAPDRAGONS
(SEE PAGE 5)

ANTIRRHINUM

Snapdragons

GREENHOUSE STRAINS

PINK AND ROSE

Tr. Pkt.

Anne Marie—Bright medium pink.....	\$3.50
•Christina—Light salmon pink (16% white).....	3.50
•Crusader—Light rose	3.50
•Gay Time—Rose pink (Summer)	3.50
•Hercules—Light pink for spring	3.50
•Jackpot—Medium deep rose	3.50
•Libby—Dark rose pink.....	3.50
•Mary Ellen—Early light rose pink.....	2.00
•Maryland Pink Improved—Early light pink.....	3.50
•Nashua—Light rose	3.50
•Native Dancer—Light rose	3.50
New Times—Bright rose	3.00
•Pensive—Dark rose pink	3.50
•Pink Ice—Bright pink with lighter lips.....	3.50
•Pompey—Light rose pink	3.50
•Prestige—Dark pink	3.50
Rebecca—Improves Christina	3.50
•Rosebud—Pastel pink	3.50
•Rockwood Early Hybrid Pink—Pink shades.....	3.50
Rockwood's Lavender Rose	2.00
Rockwood's Summer Pink No. 1	3.00
Rockwood Pink Supreme—Brilliant rose pink.....	2.00
•Rowenna—Light rose	3.50
•Spartan Rose—Rose-pink hybrid, flowers with Margaret	3.00
•Summer Jewel—Deep pink (Summer)	3.50
•Top Flight—Light rose pink	3.50
•Wintergreen—Light rose	3.50
•Whirlaway—Light pink slightly deeper than Mary Ellen	3.50

RED

Tr. Pkt.

•Commando—Early red	\$3.50
•Man-O-War—Intense red	3.50
•Maryland Red	3.50
•Navajo—Good all-purpose red	3.50
•Priscilla Ann—Early hybrid crimson	3.50
Rockwood's Summer Red	3.00

BRONZE AND ORANGE

Tr. Pkt.

•Barbara—Dark bronze	\$3.50
•Cavalcade—Lively golden bronze	3.50
•Gallant Fox—Deep orange bronze	3.50
•Jubilee—Light bronze	3.50
•Maryland Orange	3.50

LAVENDER

•Bold Venture—Dark lavender	\$3.50
•Lavender Lady—Deep rosy-lavender	3.50
Small's Lavender—Clear medium lavender	3.00
Windmiller's Lilac—Excellent orchid color	2.00

WHITE

Tr. Pkt.

•Albion—Paper white	\$3.50
•Apollo—Ivory white similar to Margaret	3.50
•Citation—Ivory white	3.50
•Crystal White—Paper white (Summer)	3.50
•Ivory Tower—Ivory white	3.50
•Jet Pilot—Medium early paper white	3.50
Margaret—Ivory white	2.00
•Maryland White—Improved true paper white.....	3.50
•Potomac White	3.50
•Rockwood Hybrid White No. 5	3.50
•Snowman—Excellent pure white for winter and spring	3.50
•Spartan White—Mid-winter pure white	3.00
•Twenty Grand—Medium early ivory white	3.50
Rockwood's Crystal White (Summer)	3.00
•White Knight—Improved paper white	3.50
•White Skies—Pure white (Summer)	3.50

YELLOW

Tr. Pkt.

•Broker's Tip—Deep yellow	\$3.50
•Day Star—Clear yellow (Summer)	3.50
•Gold Rush—Early golden yellow	3.50
•Golden Spike—Rich deep golden yellow.....	3.50
•Potomac Yellow	3.50
•Patricia—Yellow	3.50
Rockwood's Canary Yellow	3.00
Rockwood's Summer Yellow—Fairly deep yellow	3.00
•Seabiscuit—Yellow	3.50
Spiwaks Yellow	3.50
•Swaps—Yellow	3.50
•War Admiral—Yellow. Just follows Day Star.....	3.50

•Indicates Hybrid Varieties

ANTIRRHINUM *Snapdragons***OUTDOOR STRAINS****MAJUS GRANDIFLORUM**

(Approx. 200,000 seeds per oz.)

Autumn Glow Shades—Old Rose suffused amber**Cherry Rose**—A new bright color**Fiery Red**—Very brilliant**Orange Shades**—Deep to light orange**Pinkie**—Clear rose**Rosalie**—Rich deep rose; underlying tone of topaz or amber**Salmon Shades**—Salmon rose, pink and amber**Shasta**—Pure white**Yellow Jacket**—Deep yellow**University of California Mixture****MAXIMUM GRANDIFLORUM**

(Approx. 200,000 seeds per oz.)

Alaska—(Snowflake)—White**Canary Bird**—Canary yellow**Copper Queen**—Bronzy copper blending to antique gold at the nose**Crimson**—Fiery crimson**Indian Summer**—Coppery orange scarlet**Swing Time**—Rose pink**Velvet Giant**—Deep velvet red**Yellow Giant**—Deep yellow**PRICE OF THE ABOVE VARIETIES**

Tr. Pkt. \$.40 1/8 oz. \$.70 1/4 oz. \$1.25 Oz. \$3.75

F2 HYBRIDS

(Approx. 200,000 seeds per oz.)

Kings Court Mixed—Free flowering, tall and vigorous containing a complete range of colors.**Mardi Gras Mixed**—Early husky plants in a well blended mixture of colors.

Tr. Pkt. \$.50 1/8 oz. \$.70 1/4 oz. \$1.25 Oz. \$3.75

Panaroma Mixed—New strain—Large florets on giant spikes. Plants large, tall, vigorous, self-branching, but pinching is recommended after transplanting when about 4 inches high.

Tr. Pkt. \$1.00 1/8 oz. \$3.30 1/4 oz. \$6.00 Oz. \$18.00

NANUM GRANDIFLORUM

(Approx. 200,000 seeds per oz.)

Avalanche—Pure white**Golden Monarch**—Golden yellow**Orange Glow**—Orange**Red Emperor**—Rich deep scarlet**Rose Eclipse**—Rose pink**Royal Rose**—Deep rose**Saint George**—Orange cerise**Finest Mixed****PRICE OF THE ABOVE VARIETIES**

Tr. Pkt. \$.50 1/8 oz. \$.85 1/4 oz. \$1.50 Oz. \$5.50

GIANT RUFFLED TETRA

(Approx. 104,000 seeds per oz.)

One of the most satisfactory outdoor snaps. Almost never crippled with rust. Blooming size plants are tall with thick stems which keep the spikes erect and the tips straight. Flowers large, mostly ruffled.

Candlelight—Bright yellow**Crimson**—Deep velvety crimson**Pink Shades**—Pink to deep rose**Sunset**—Bronze, pink, primrose**Talisman Hybrids**—Blend of gold, scarlet and orange White**PRICE OF THE ABOVE VARIETIES**

Tr. Pkt. \$.60 1/8 oz. \$1.50 1/4 oz. \$2.75 Oz. \$8.25

Superfine Mixture — (Tetra Snaps), erect and husky growth, medium tall with huge ruffled florets in many colors and bicolors, some veined.

Tr. Pkt. \$.50 1/8 oz. \$1.25 1/4 oz. \$2.25 Oz. \$6.75

SNAPDRAGON CULTURE**SOIL PREPARATION**

A loose, porous soil containing about one-fourth peat moss by volume has been satisfactory in many ranges. Add four or five pounds of superphosphate per 100 square feet of bench area before planting. Thoroughly steam sterilize at least once a year, preferably after cutting off the summer flowering crop. Make sure the soil is uniformly moist and that a temperature of 180 deg. F. is maintained for at least one-half hour. Over-steaming will not harm the soil.

SEED GERMINATION

Snapdragon seeds should germinate in about seven days from the time they are sown. Maintain a constant temperature of 65 to 70 deg. F. and keep the medium uniformly moist especially the top one-half in the flat.

Use neutral peat which has been shredded and screened, or any other loose, porous mixture for your propagating medium. For surest results, the mixture should be steam sterilized in the flats before sowing the seeds. When the seeds have germinated, give them increasingly more sun and ventilation.

DIRECT BENCHING

Consistently good results have been obtained by direct benching from seedling flats. You can do this safely about three weeks from the sowing date. Direct benching saves time and labor and invariably results in more vigorous plants, since there is no hardening or check in growth as sometimes happens when seedlings have been banded or potted.

FERTILIZATION

Maintain a level of about 20 ppm nitrogen and potash (Spurway) during the early stages of growth. Gradually taper off nitrogen feedings when spikes appear. Liquid feedings of 15-30-15, 20-20-20, etc., one every two weeks, are adequate at the rate of one ounce in five gallons of water (one-half pound per 100 gallons).

Summer-flowering crops should be fed heavier than the above schedule to keep pace with the faster rate of growth.

ANTIRRHINUM *Snapdragons*

YODER BROS. HYBRIDS

\$3.50 Per Packet (2000 Seeds)

PINK

Rowenna—Winter and spring flowering pink. The earliest of the Yoder pink hybrids. Florets are compact, held upright displaying color and bunching to maximum advantage. Efficient growers will appreciate the quality, earliness and uniformity of Rowenna.

Nashua—Light rose pink hybrid. **Fast winter and early spring flowering traits.** Normally crops ten days to two weeks earlier than Rosebud in January and February. Highly shatterproof, the large ruffled florets are borne compactly on hard, clean stems. Responds well under low light, low temperature environments with optimum temperature about 46°. Maximum value January through March where it exceeds existing standards for earliness, vibrant color and beauty in spike and floret form.

Wintergreen—Winter and spring pink. Stiff, wiry stems, no grassiness, and compact long spikes are Wintergreen's major assets. Dependable performance in winter and spring. Lovely, smooth color devoid of yellow face. A Christina color with speed, vigor and uniformity.

Top Flight—Winter and spring pink. A more uniform, earlier Christina. Large rose pink florets. When benched together with Rowenna the variety Top Flight maintains a valuable continuity of high grade pink.

Rosebud—Winter and spring pink. Large ruffled florets on long, compact spikes of luminous pink that holds well into early May. Repeated tests prove Rosebud to be close to or the best pink available to the winter and spring programs. Beauty and vigor combine to make Rosebud a must on any list.

Crusader—Late winter, early spring flowering pink. Color and season close to that of Dorcas Jane.

Whirlaway—Winter and spring pink. Color of Maryland Pink with a large floret brightened by a splash of yellow on the tips. Not heavy but strong and wiry. Performs best at the lower temperature levels.

Native Dancer—Winter and spring flowering rose pink. Extreme vigor with exceptionally long spikes. Winter through spring the variety will follow Rosebud by about 10 days. Achieves a new standard for winter vigor and long spikes with a large number of open florets.

MEDIUM TO DARK PINK

Prestige—Late winter flowering medium pink. A new, lively color in Yoder snaps. Thrives best with cool, slow growth. Wiry stiff stems.

Pensive—Winter flowering deep pink. Ruffled florets. Just follows Christmas Cheer.

***Pompey**—Winter and spring flowering medium pink. Free, vigorous growth with long spikes of a smooth, beautiful deep rose pink. Well known for its uniformity and dependable, efficient performance.

IVORY WHITE

***Citation**—Winter and spring ivory white. Large ruffled florets. Compact spacing with long spikes. Outstanding uniformity and vigor. The most profitable snap programs grow high percentages of Citation.

Apollo—Late winter and spring ivory white. Well known for its vigor, hard clean stems and upright floret placement on long spikes. A vigorous improvement on Margaret.

Twenty Grand—Late winter and spring ivory white. The whitest ivory grown. Long, graceful, tapering spikes with ruffled upright, compact florets. Tall and vigorous. The best spring programs count heavily on Twenty Grand.

WHITE

Jet Pilot—Winter paper white. Clean growth habit with a shatterproof spike. Cannot be forced. Thrives with low temperatures, unchecked growth and good light conditions. Very early and uniform.

***White Knight**—True winter and spring paper white. Combines earliness, vigor, purity of color and long spikes to excellent advantage over presently available whites. Tolerant of low temperatures and shatterproof. A must have for discriminate growers.

***Albion**—Winter and spring paper white. When benched with White Knight, Albion maintains a good continuity of paper white by flowering 10-14 days later. Equal in all respect. Long, tapering spikes with graceful tip-bud development are important assets.

YELLOW

***Swaps**—Fast, true winter flowering yellow hybrid. About two weeks earlier than War Admiral in January and February. Outstanding for its large, compactly spaced florets which are nearly twice as large as War Admiral. Very tolerant of low temperature. Optimum about 46°. Earliest and most efficient of the known yellow hybrids. Flowering is uniform on clean, hard stems. Spikes are of medium length with large diameter. Recommended for January through April. Mid September plantings normally crop right for mid January. Prime assets are its large, showy florets, a low temperature tolerance, and fast dependable crops.

***War Admiral**—Winter and spring yellow. For efficiency, uniformity and dependable fast performance few yellows equal War Admiral; none known exceed it. Has a good long spike with high, tapering tip bud development.

***Seabiscuit**—Winter and spring yellow. Follows War Admiral and maintains continuity of quality yellow. Tolerant to low temperature, productive and uniform.

Broker's Tip—Winter and spring yellow. Heaviest and latest of the yellow trio. Tolerates early winter and late spring high temperatures and can be carried into early summer. Stiff clean stems with compact floret placement. Growers will find that in any race this thoroughbred finishes profitably.

BRONZE

***Gallant Fox**—Winter and spring bronze. Popular deep orange coloration. Earlier and more uniform when compared with Barbara. A must have whenever bronze is grown.

***Cavalcade**—Winter and spring golden bronze. Clean, efficient growth habit. Lively golden orange that has few equals for uniform production of long tapered spikes.

RED

***Commando**—Early winter and spring copper red. A new and pleasing color approaching the scarlet red of a carnation. Early and low temperature tolerant. A moderate percentage of red always gives good seasonal advantages.

***Man-O-War**—Winter and spring intense red. Large florets with compact placement. Stocky, clean growth. A fire-ball for Christmas with keen demand through Valentines Day.

LAVENDER

***Bold Venture**—Early winter and spring deep lavender. Close to a rich magenta or purple. Medium florets with long spikes. Hard stemmed and uniform. Fine contract variety.

YODER BROS.

NEW HIGH TEMPERATURE VARIETIES

\$3.50 per packet

WHITE

WHITE SKIES—A pure white high temperature or summer hybrid. Highly shatterproof. Quite tall and vigorous. Best described as a summer White Knight. About one week later than Rockwood's Crystal White normally producing a high percentage of longer grade spikes with good tapering tip-buds. This variety should add much incentive to the production of profitable summer snaps. Recommended for June through September in the greenhouse or cloth house.

CRYSTAL WHITE (Yoder Strain A)—A paper white high temperature or summer inbred. A long period of re-selection on Rockwood's Crystal White has resulted in this taller, more uniform strain. Floret spacing is generally more compact. Will not shatter. Can be recommended for June through September in the greenhouse or cloth house.

PINK

GAY TIME—A rose pink high temperature or summer hybrid. Habit is free of lateral growth. Vigor is good with hard stem and long spike. Very uniform. Seven to fourteen days earlier than Rockwood's Summer Pink. Floret larger than average for summer varieties. Recommended for June through September in the greenhouse or cloth house.

SUMMER JEWEL—A deep pink high temperature or summer hybrid. Color is a shade deeper than Rockwood's Summer Pink. Flowering is 5-7 days later. Vigor, uniformity, stem strength and spike length generally improve that variety. The floret spacing is more compact and somewhat less spiralled. Recommended for June through September in the greenhouse or cloth house. Will not shatter.

YELLOW

DARK STAR—A clear yellow high temperature or summer hybrid. Uniformity and vigor markedly improve Rockwood's Summer Yellow. Five to seven days earlier with deeper color. Floret spacing is compact. Growth is clean and variety is not subject to high temperature burn. Recommended for greenhouse June through September.

CULTURAL RECOMMENDATIONS

1. **Sowing time and temperature.** In the early spring, given a 60° temperature, the minimum time sow to direct bench is five weeks. At higher temperatures three to four weeks are required.
2. **Bench to cut.** Single stem June through mid-July crops require twelve to ten weeks. Later crops flower in ten to eight weeks.
3. **Spacing.** Single stem culture at spacing of approximately 4" x 4" are recommended.
4. **No shading** of the glass can be recommended. Full exposure to summer sun has always been used in previous years of testing with the possible exception of protection immediately after benching.
5. Based on direct benching, our general experience on timing in the greenhouse is:

Sow	Bench	Flower
February 4	March 11	June 17
April 8	May 6	July 15
May 20	June 17	August 19
June 17	July 15	September 16

EFFICIENCY IN SNAPDRAGON VARIETIES

The classification of snapdragon varieties should be based on their response to a given temperature.

Many of our so-called winter-flowering varieties are outstanding in the spring program. Many of the so-called spring varieties can be flowered in winter if the higher proper temperature and longer timing environments are provided. The summer, high temperature group requires the higher temperatures for maximum performance.

Given night minimums of 46° the first, **fast group** tolerates the low temperature and produces high quality to most efficient advantage. The second, **intermediate group** flowers very slowly and frequently unevenly. The third, **slow group** often goes blind or becomes extremely negative.

Given night minimums of 50° the **fast group** flowers rapidly. Under low light conditions spikes are often too short and non-continuous. With the brighter days of early spring, performance is markedly improved. The **intermediate group** requires this minimum for winter flowering and tolerates well somewhat higher temperatures for spring crops. The **slow group** continues to vegetate.

Given night minimums of 54° and higher the **fast group** is forced too rapidly with premature flowering on shortened, thin stems. The **intermediate varieties** also mature too rapidly. Short spikes and lowered quality are the result. The **slow group** elongates uniformly and achieves maximum performance with this environment.

True hybrid vigor in snapdragons must include more than just increased production, through rapid growth and uniformity. The starred (*) varieties in the tables below possess additional traits of efficiency in their earliness, low temperature performance and ability to produce profitable crops at minimum cost.

RECOMMENDED FLOWERING PERIODS

Variety	Response Group	Dec.	Jan.	Feb.	Mar.	Apr.	May
PINK							
*Rowenna	Fast	x x	x x	x x	x x	x x	
*Nashua	Fast		x x	x x	x x		
*Wintergreen	Fast	x x	x x	x x	x x	x x	x
*Top Flight	Fast		x x	x x	x x	x x	x
*Rosebud	Fast	x x	x x	x x	x x	x x	
*Crusader	Fast		x	x x	x x	x x	
*Whilaway	Fast		x x	x x	x x	x x	
*Native Dancer	Inter.	x x	x x	x x	x x	x x	x
MEDIUM TO DARK PINK							
Prestige	Fast			x x	x x	x x	
Pensive	Fast		x x	x x	x x		
*Pompey	Fast		x x	x x	x x	x x	
IVORY WHITE							
*Citation	Fast	x x	x x	x x	x x	x x	x
Apollo	Inter.		x	x x	x x	x x	x
Twenty Grand	Inter.		x	x x	x x	x x	x
WHITE							
Jet Pilot	Fast		x x	x x	x x		
*White Knight	Fast	x	x x	x x	x x	x x	
*Albion	Fast	x	x x	x x	x x	x x	x
YELLOW							
*Swaps	Fast		x x	x x	x x	x x	
*War Admiral	Fast	x x	x x	x x	x x	x x	x
*Seabiscuit	Fast	x x	x x	x x	x x	x x	x
Broker's Tip	Inter.	x x	x x	x x	x x	x x	x x
BRONZE							
*Gallant Fox	Fast		x x	x x	x x	x x	x
*Calvalcade	Fast		x x	x x	x x	x x	x
RED							
*Commando	Fast	x	x x	x x	x x	x	
*Man-O-War	Fast	x	x x	x x	x x	x	
LAVENDER							
*Bold Venture	Fast	x	x x	x x	x x	x	

TIMETABLE FOR SNAPDRAGON FLOWERING SCHEDULES

(60° minimum sowing temperature)			(46-48° minimum growing temperature)		
Response Group	Sow	Plant	Spacing	Flowering	
Fast	8/13	8/30	4 x 5	Dec. 13 — Jan. 1	
	8/23	9/13	4 x 5	Dec. 27 — Jan. 15	
	8/30	9/20	4 x 5	Jan. 10 — Jan. 29	
	9/2	9/23	4 x 5	Jan. 24 — Feb. 12	
	9/6	9/27	4 x 5	Feb. 7 — Feb. 26	
	9/13	10/4	4 x 5	Feb. 21 — Mar. 12	
	9/17	10/11	4 x 4	Mar. 7 — Mar. 19	
	9/24	10/18	4 x 4	Mar. 21 — Apr. 2	
	10/1	10/25	4 x 4	Apr. 4 — Apr. 16	
	11/8	12/6	4 x 4	Apr. 18 — Apr. 30	
	12/24	1/24	4 x 4	May 2 — May 14	
	1/7	2/7	4 x 4	May 16 — May 28	
Intermediate	8/13	8/30	4 x 5	Jan. 10 — Jan. 29	
	8/23	9/13	4 x 5	Jan. 24 — Feb. 12	
	8/30	9/20	4 x 5	Feb. 7 — Feb. 26	
	9/2	9/23	4 x 5	Feb. 21 — Mar. 12	
	9/6	9/27	4 x 4	Mar. 7 — Mar. 19	
	9/13	10/4	4 x 4	Mar. 21 — Apr. 2	
	9/17	10/11	4 x 4	Apr. 4 — Apr. 16	
	9/24	10/18	4 x 4	Apr. 18 — Apr. 30	
	10/1	10/25	4 x 4	May 2 — May 14	
	11/8	12/6	4 x 4	May 16 — May 18	
	12/24	1/24	4 x 4	May 30 — June 4	

ASTERS

(Approx. 12,000 seeds per oz.)

BODGER'S WILT-RESISTANT STRAINS QUEEN OF THE MARKET

These well-known early flowering Asters are of branching habit, about 20" tall, blooming mid-July.

Azure Blue	Light Blue or Lavender
Ballet Queen—Deep salmon rose	Peach Blossom—Flesh pink
Crimson	Rose
Dark Blue or Purple	White
Finest Mixed	

AMERICAN BRANCHING

Plants 2 to 2½ feet tall, branching, robust, flowers large, double and fine form. Flowers late August and early September.

Azure Blue or Dark Lavender	Peach Blossom Purple	Shell Pink—(Mary Semple)
Crimson	Rose	White—Extra select, long stems
Heart of France—Scarlet crimson	Sensation—Scarlet	Finest Mixed

EARLY ROYAL BRANCHING

Plants branching 2 to 2½ feet, blooming mid-August, directly following the Queen of the Market.

Azure Blue or Dark Lavender	Peach Blossom— Lavender pink	Shell Pink White		
Deep Rose	Purple	Finest Mixed		
	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
PRICES ABOVE:	\$.40	\$.65	\$2.00	\$7.00

VARIOUS RESISTANT VARIETIES

Ball White Late — American Branching White 2½ to 3 feet long stems. Early September	Tr. Pkt.	¼ oz.	Oz.
	\$.40	\$.65	\$2.00
Ball Deep Rose—Royal—Bright deep rose, 2½ to 3 feet branching. Mid-August	.40	.65	2.00
Ball Purple — Royal — Deep bright purple, 2½ to 3 feet branching. Late August	.40	.65	2.00

Aster Rainbow Pink—(New)—The single flowers, excellent for cutting are a pure rose pink. Plants about 28" tall, upright and compact.

Tr. Pkt. \$.40 ¼ oz. \$.65 Oz. \$2.00

SINGLE CHINENSIS (Wilt Resistant)

Plants 1½ to 2 feet tall, flowers daisylike, petals wide and closely placed, blooms in late August.

Branching Single Rainbow Mixed	Tr. Pkt.	¼ oz.	Oz.	¼ lb.
	\$.30	\$.45	\$1.50	\$5.00
Upright Single Rainbow Mixed	.30	.45	1.50	5.00

GIANT PRINCESS (Wilt Resistant)

A new giant strain of this very attractive Aster. Makes a good cut flower.

Cissa—Bright Crimson	Gabriele—Peach Blossom
Edeltraud—Cream	Sonja—Salmon Pink with Gold
Eva—Dark Blue	

Tr. Pkt. ¼ oz. Oz.
PRICES ABOVE: \$1.00 \$1.50 \$4.50

AMERICAN BEAUTY

Blooms from August and continues until frost. The large and double flowers are produced on long heavy stems; plants 2 to 3 feet high.

Azure Fairy— Dark lavender	September Beauty— Shell pink		
Crimson	Silvery Rose		
Deep Rose	White		
Purple	Finest Mixed		
Tr. Pkt.	¼ oz.	Oz.	¼ lb.
PRICES ABOVE: \$.50	\$.90	\$3.00	\$10.00

DWARF QUEEN

Early-flowering, 10-inch tall plants. Dwarf base-branching plants with large flowers produced in abundance. For pot plants must be grown under additional light in the spring, the same as any Royal type used as a cut flower. Can be grown either one plant or three per five or six inch pot. Sufficient feeding and spacing is essential.

Crimson —Crimson red	Light Blue —Lilac blue		
Deep Blue —Violet blue	Rose —Rose pink		
Deep Scarlet —Bright deep scarlet	White —Pure white		
	Mixed		
	Tr. Pkt.	¼ oz.	Oz.
PRICES ABOVE:	\$.50	\$1.50	\$4.50

SUPER GIANT (Non-Resistant)

This is the largest and most fully double Aster class known. Plants about 2½ feet tall.

El Monte—Crimson	Los Angeles—Shell pink		
	Tr. Pkt.	¼ oz.	Oz.
PRICES ABOVE:	\$.40	\$.85	\$3.00

SHAGGY TYPES

The interlaced petals of the Asters in this group produce an attractive fluffy or shaggy flower that you will find distinctive and popular.

EARLY GIANT

Flowers are of the large Giant of California type, while the plants are shorter, about 1½ feet in height. This class is early blooming, coming into flower by the first week in September.

Azure Blue	Peach Blossom
Crimson	Rose Marie—Rich rose
Light Blue	White
	Mixed

Tr. Pkt. ¼ oz. Oz. ¼ lb.
PRICES ABOVE: \$.50 \$1.25 \$3.75 \$21.50

IMPROVED CREGO

Plants robust, branching about 2½ feet tall, flowers large, double and well formed, one of the finest varieties for all purposes. Blooming mid-August.

Azure Blue	Peach Blossom
Blue Flame—Rich blue	Shell Pink
Crimson	Purple or Dark Blue
Deep Rose	White
Light Blue—Lavender	Finest Mixed

Tr. Pkt. ¼ oz. Oz. ¼ lb.
PRICES ABOVE: \$.40 \$.65 \$2.00 \$7.00

FLORIST STRAIN (Wilt Resistant)

Used by large commercial specialists in Asters because they have fully double flowers and lack half-single kinds with large open heads.

Azure Ball—Fully double light blue.

Early Pink Ball—Light shell pink. Week earlier than Pink Ball.

Pink Ball—Large 3½ to 4-inch double flowers on long stems. Rarely shows any center. Blooms mid-August. Excellent flowered under lights in early spring. Needs little disbudding as laterals are few.

Phlox Ball—Double medium large flower of a soft peach blossom pink color.

Rose Ball—Fully double flowers of a good rich rose. Flowers large and solid.

Purple Ball—Similar to Rose Ball but good deep purple.

White Ball—The large pure white flowers of this new Aster are exceptionally double and borne on stiff stems. Blooms late August.

PRICES ABOVE:

Tr. Pkt. \$1.75 ¼ oz. \$3.00 1 oz. \$9.60

BOUQUET TYPE—Wilt-resistant—Long stems and large flowers. A good upright class of branching Aster developed for cut flowers.

	Tr. Pkt.	¼ oz.	Oz.
Azure	\$.50	\$1.50	\$4.50
Crimson.....	.50	1.50	4.50
Peach.....	.50	1.50	4.50
Purple.....	.50	1.50	4.50
Rose.....	.50	1.50	4.50
Scarlet.....	.50	1.50	4.50
White.....	.50	1.50	4.50
Powderpuffs — Mixed — Upright branching for August flowering .....	.50	1.50	4.50

CONTINUOUS FLOWERING OF ASTERS

Sow Seeds	Pot Seedlings	Bench Plants	Flowering Date Approximate
Dec. 20	Jan. 10	March 1	May
Feb. 1	Feb. 20	April 1	June
March 15	April 10	May 15	July
April 20	May 10	June 15	August
May 20	June 10	July 15	September
June 10	July 1	Aug. 15	October
June 20	July 15	Aug. 20	November
July 10	Aug. 1	Sept. 1	December
July 15	Aug. 10	Sept. 15	January
August 15	Sept. 10	Nov. 1	February
Sept. 10	Oct. 1	Dec. 1	March
Oct. 20	Nov. 15	Jan. 1	April

Plants must be given additional light between September 1 and May 1 regardless if they are in seed flats or in the bench. If the plants are not lighted while in small pots, they develop a rosette of leaves and growth of the stem and flowers is delayed. Plants should be lighted until the first flowers show color.

Low wattage bulbs will suffice for additional light. On a four-foot bench, 40-watt lamps spaced 6 feet apart and about 24 inches above the plants will give ample light for this crop.

ADDITIONAL LIGHTING SCHEDULE

- 3 hours during the months of September, October, March and April.
- 4 hours during the months of November and February.
- 5 hours during the months of December and January.

AGATHEA (Blue Daisy)

(Approx. 27,000 seeds per oz.)

	Tr. Pkt.	¼ oz.	Oz.
Coelestis —The lovely, free flowering blue			
Marguerite	\$.30	\$.90	\$2.70

AGERATUM

(Approx. 230,000 seeds per oz.)

	Tr. Pkt.	¼ oz.	Oz.
Blue Ball Improved —Dwarf and compact.			
Uniform rich blue color.....	\$.40	\$1.30	\$4.25
Blue Cap —Rich blue, very compact.....	.40	1.20	3.60
Blue Mink — (Tetra) — Giant blooms on husky plants .....	.60	3.00	9.00
Blue Perfection —Dark blue .....	.25	.50	1.65
Fairy Pink —Soft salmon pink, 10-21 inches	.60	1.85	6.50
Little Blue Star —6 inches high, fine for bedding .....	.25	1.00	3.50
Midget Blue — Very dwarf with delicate fine foliage; blue flowers.....	.50	1.80	6.00

ALYSSUM

(Approx. 75,000 seeds per oz.)

	Tr. Pkt.	Oz.	¼ lb.
Bouquet —(Carpet of Snow—Procumbens) best dwarf variety	\$.20	\$1.00	\$3.25
Little Gem —Dwarf and compact.....	.20	1.00	3.00
Royal Carpet —(Procumbens) Rich purple....	.40	3.90	13.00
Violet King —Deep violet flowers. Very com- pact growth .....	.45	4.50	15.00
Violet Queen —Dwarf compact, rich deep shades of violet .....	.25	1.80	6.00

AMARANTHUS

(Approx. 47,000 seeds per oz.)

	Tr. Pkt.	¼ oz.	Oz.
Crimson Pygmy —Dwarf. Good for combi- nations	\$.25	\$.60	\$1.80
Molten Fire —Leaves are iridescent crimson.....	\$.25		\$2.25
Tri-Color Splendens —(St. Joseph's Coat) Yellow, red and green foliage—3 ft. ....	.25	1.80	

ASPARAGUS

New Crop Seed Ready in Mid-February

	1000 Seeds	5000 Seeds
Plumosus Nanus	\$2.50	\$10.00
Sprenger	2.50	10.00

BALSAM

(Approx. 3,300 seeds per oz.)

	Tr. Pkt.	¼ oz.	Oz.
Double Bush Flowering —Flowers appear in clusters at the top of the stems making these an attractive spring sales items in small pots. Scarlet, Rose, White, Mixed	\$.40	\$.75	\$2.50
Double Camellia Flowered Mixed.....	.15	.30	1.00

BELLS OF IRELAND (Molucella Laevis)

(Approx. 7,000 seeds per oz.)

The branching stems are covered with pale green sheaths. May be grown in greenhouse benches, pots or outdoors where the season is long.

Tr. Pkt. \$.40 ¼ oz. \$1.00 Oz. \$3.00

BROWALLIA

(Approx. 65,000 seeds per oz.)

Speciosa Major—Violet-blue flowers 1½ inches across, are carried on 10 to 12-inch stems. Standard pot variety.

Tr. Pkt. \$1.00 1/16 oz. \$2.25 1/8 oz. \$4.00 ¼ oz. \$7.50

BEGONIA *Fibrous rooted*

(Approx. 30,000 seeds per 1/32 oz.)

INTERMEDIATE CLASS

	Tr. Pkt.	1/64 oz.	1/32 oz.
Indian Maid — Red flowers, deep bronze shiny foliage	\$1.25	\$2.75	\$5.00
King of the Reds — Red flowers, green foliage	1.25	2.75	5.00
Lucifer — Scarlet flowers, dark red foliage	1.50	4.50	8.00
Luminosa — Deep scarlet, red-brown foliage	1.25	3.50	6.00
Prima Donna — Flowers carmine, foliage tinged red	1.25	2.25	3.75
Saga — Bright scarlet	1.50		
Salmon Queen — Salmon shaded rose flowers, green foliage	1.25	2.50	4.50
Scandinavian Pink — Rose pink, dark green foliage	1.25	3.00	5.50
Scandinavian Red — Red, dark green foliage	1.25	3.00	5.50
Scandinavian White	1.25	3.00	5.50
White Pearl — White flowers, green foliage	1.25	2.50	4.50

DWARF CLASS

	Tr. Pkt.	1/64 oz.	1/32 oz.
Adeline — Rose pink, green foliage	\$1.50	\$3.25	\$6.00
Dwarf Carmen — Light pink with dark bronze foliage. Very compact	1.50	3.50	6.50
Helena — Carmine scarlet, foliage green, growth pyramidal	1.50	4.50	8.00
Luminosa Compacta — Scarlet red, foliage green	1.50	3.50	6.00

TALL CLASS

	Tr. Pkt.	1/64 oz.	1/32 oz.
Christmas Cheer — Crimson scarlet flowers, foliage green	\$1.00	\$2.20	\$3.75

Fibrous Begonias are a necessity item for spring bedding sales. They are used extensively in combination work and are also popular house plants throughout the year.

Production from seed is simple. January sowing produces plants for spring bedding work. The fine seed is lightly pressed into a sterilized fibrous medium. The seed is kept moist, not covered, and germinates best at 60 to 70 degrees. An economical method has been to shift the seedlings to flats spaced 2 x 2 inches and grow them on until they become crowded. Then transfer to 3- or 4-inch pots.

Potting soil should contain one part peat, one part sand and one part soil—a fibrous medium that will not pack is essential. To keep the plants moving, a temperature of 60 degrees is best. The plants do well in shade or full sun, but are best shaded during the summer.

Try monthly sowings from August to March for a constant supply to meet your customer's demand.

HETEROSIS VARIETIES

■ F1 HYBRIDS

Originator's Seed — Sold in packets only

	Tr. Pkt.
■ Pink Profusion — Rose flowers, green foliage	\$1.50
■ Stuttgart — Carmine rose, dark red foliage	1.50
■ Pink Pearl — Hybrid F1, rich pink	1.50
■ Red Pearl — Hybrid F1, scarlet red	1.50
■ Rosy Red — Hybrid F1, green foliage	1.50
■ Sleeping Beauty — Bright carmine, free flowering, dark green foliage.....Pkts. only	2.00
■ Tausendschoen — Hybrid F1, lustrous rose pink	2.00
■ Tausendschoen Red — Dark deep red counterpart of Tausendschoen.....Pkts. only	2.00
■ Organdy — Mixed hybrids.....Pkts only	1.50

TUBEROUS ROOTED BEGONIAS

	Tr. Pkt.
Mixed — Camellia flowered double type, plants 1½ ft. tall.....	\$3.00



RED PEARL

CALENDULA

(Approx. 4,500 seeds per oz.)

August sowing flowers December to February. Early October sowing to follow Chrysanthemums blooms February and March. January sowing blooms April and May.

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
Ball's Gold —Golden yellow.....	\$.50	\$1.00	\$3.00	\$9.00
Ball Long Orange Improved — Bright orange with light eye .....	.50	1.00	3.00	9.00
Ball Orange — Glowing orange.....	.50	1.00	3.00	9.00
Lemon Queen — Deep lemon yellow with dark brown eye .....	.50	1.00	3.00	9.00
Masterpiece —Clear orange flower with dark center .....	.50	1.00	3.00	9.00
Nova —Single yellow flower with dark center resembling a Gerbera.....	.35	.75	2.50	
Orange King — Dwarf variety, deep orange with dark eye .....	.35		1.00	3.00
Sensation or Campfire Improved —Brilliant orange scarlet sheen.....	.50	1.00	3.00	9.00
Supreme — Orange with dark brown centers .....	.50	1.00	3.00	9.00

CALCEOLARIA

(Approx. 20,000 seeds per 1/32 oz.)

GILBERT'S STRAINS

This is an improvement over the original Multiflora Nana type. Compact habit of growth; good selection of colors in the mixture; excellent foliage.

AVAILABLE PACKETS ONLY

	Tr. Pkt.
Multiflora Nana Red	\$2.50
Multiflora Nana Yellow	2.50
Multiflora Nana Mixed	2.50
Triumph Strain (Grandiflora) — Large flowered strain, the best in its class	2.50

REGULAR STRAIN

	Tr. Pkt.	1/64 oz.	1/32 oz.
Multiflora Nana Mixed — Dwarf growth with large compact heads of medium sized flowers. This fine strain contains a good range of colors	\$1.25	\$5.00	\$9.00

The soil used in germinating the seeds should be made up of two parts leaf mold, two parts well-rotted manure, two parts soil, and one part sand. Sterilize the soil and flat with steam to eradicate all disease.

Sow the seeds lightly over the surface and cover the flat with a suitable covering. Calceolaria will germinate better when the temperature is cool, therefore, well-shaded locations are better. August sowing will make large plants for May, while November sowing will make good 4-inch plants. Some growers have used the wick irrigation method to germinate the seed with very good results.

CALLIOPSIS DWARF

(Approx. 90,000 seeds per oz.)

This annual is very free flowering and recommended for bedding. If continued flowering is wanted old flowers must be removed.

	Tr. Pkt.	1/4 oz.	Oz.
Golden Wave —Golden yellow with red zone	\$.20	\$.60	\$1.80
Dwarf Varieties Mixed .....	.35	.60	1.80

CANDYTUFT DWARF COMPACT

(Approx. 12,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
"Fairy Mixed" (New) — Plants 8-10" tall. Uniform in height and spread.....	\$.50	\$1.00	\$3.00

GIANT HYACINTH FLOWERED

	Tr. Pkt.	Oz.	1/4 lb.	Lb.
White —Improved florist strain	\$.25	\$.90	\$3.00	\$10.00

UMBELLATA TYPE

Crimson —Purplish red	Rose Cardinal —Deep red
Flesh —Flesh pink	Rose —Soft rose
Lavender or Lilac	White
	Mixed

PRICES ABOVE:

Tr. Pkt. \$.30	Oz. \$.90	1/4 lb. \$3.00
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CARNATION

(ENFANT DE NICE)

(Approx. 14,000 seeds per oz.)

One of the best annual Carnations. Plants are strong, robust growers bearing flowers 2½ to 3 inches in diameter on good stiff stems. Do not expect over 75% to come true to color or better than 90% double flowers.

White, Salmon, Rose, Red, Spectrum Red, Yellow
Mixed (Formula Blend)

PRICES ABOVE:

Tr. Pkt. \$.50	1/8 oz. \$2.25	1/4 oz. \$4.00
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CENTAUREA**CYANUS (Bachelor Button)**

(Approx. 6,000 seeds per oz.)

Listed below are the finest improved Florist strains of Centaurea Cyanus. The flowers are large, fully double and the colors intensified. The long stems of this strain make them excellent for cut flower purposes. May be used for greenhouse flowering in spring, or sown outdoors in fall for flowers in June and July.

Blue Boy —Excellent for forcing	Pinkie —Deep pink
Snowman —Clear white	Red Boy —Deep red

PRICES ABOVE:

Tr. Pkt. \$.20	Oz. \$.65	1/4 lb. \$2.20	Lb. \$6.50
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AMERICANA

	Tr. Pkt.	Oz.
Lilac —Thistle-like blooms of rosy-lavender color. Splendid for cutting	\$.20	\$.75
White —White form of the above.....	.20	.75

DUSTY MILLERS

(White-Leaved Types for Border Work)

(Approx. 7,500 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
Candidissima — (Lamb's Ear) Silvery grey foliage	\$.60	\$1.25	\$3.75
Gymnocarpa — (Fern Leaf) Fine Silvery foliage .....	.20	.35	1.00

Gloekner

FLOWER SEEDS

CELOSIA

CRISTATA

(Approx. 29,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
Dwarf Golden Yellow (Aurea).....	\$.30	\$.80	\$2.50
Dwarf Empress — Deep scarlet bronzy green foliage .....	.30	.80	2.50
Semi-Dwarf Firebrand — Large scarlet crimson comb, uniform dwarf growing habit .....	.30	.80	2.50
Toreador — Uniform strain with red combs and green leaves; 12 inches tall .....	.75	2.00	6.00
	Tr. Pkt.	1/4 oz.	Oz.
Yellow Toreador — Yellow companion to Toreador.....	\$.50	\$1.50	\$2.50 \$7.50
Gilbert's Maple Gold—Beautiful combs varying in color from light to dark pink tipped with Gold, Originators Tr. Pkt. (300 seeds).....			\$.50
	Tr. Pkt.	1/4 oz.	Oz.
Dwarf Varieties—Formula Mixed.....	\$.50	\$2.50	\$7.50



CELOSIA PLUMOSA—LILLIPUT MIXED

CHERRY (Christmas)

(Approx. 12,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
Masterpiece — Round red fruits freely produced on uniform bushy plant	\$.50	\$1.25	\$3.75

CHRYSANTHEMUMS (Annual)

(Approx. 10,000 seeds per oz.)

Another group which is finding favor with florists for cut flower material. Chrysanthemums last remarkably well as a cut flower, but for best results keep them in water 24 hours before marketing. Sow in mid August to follow early Chrysanthemums. Responds very well to additional light.

	Tr. Pkt.	Oz.
Merry Mixture—(Gay Tricolors).....	\$.40	\$2.25

CLARKIA (Elegans Double)

(Approx. 100,000 seeds per oz.)

For spring flowering sow in early January and grow in shallow soil in flats or benches. Keep plants on the dry side as vigorous growth is not wanted.

	Tr. Pkt.	Oz.
Mixed	\$.20	\$1.25

PLUMOSA

(Approx. 43,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
Fiery Feather—(Dwarf) Similar to Flame of Fire, but with some- what smaller plumes more freely produced in attractive pyramid...	\$.40	\$1.30	\$4.25
Flame of Fire—Fiery red .....	.50	1.50	
Forest Fire — Orange scarlet. A beautiful feathered celosia .....	.50	1.50	4.50
Golden Feather — Dwarf same as Fiery Feather, but with golden yellow plumes .....	.40	1.30	4.25
Golden Plume—4 ft. golden yellow .....	.40	1.20	3.60
Pride of Castle Gould—Mixed deep crimson to light yellow .....	.30	.95	3.30
Scarlet Plume—4 ft. scarlet .....	.40	1.20	3.60
Thompsonni Magnifica Mixed .....	.35	.70	2.25
Lilliput Choice Mixed — Dwarf uni- form growth .....	.50	1.50	4.25

CINERARIA



CREMER'S PRIZE STRAIN

This strain has been greatly improved by the originator — has small foliage that is wilt-proof with tremendous heads of flowers of the brightest colors.

Tr. Pkt. \$1.50	1/32 oz. \$4.00	1/16 oz. \$7.50
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CYCLAMEN

AMERICAN STRAIN

	Per 100	1000
Bonfire or America—Fiery salmon.....	\$2.30	\$21.00
Bright Red	1.75	16.00
Dark Blood Red	1.75	16.00
Glory of Wandsbeck or Perle of Zehlendorf—Dark salmon	2.25	20.00
Orange Beauty—Orange vermillion	2.30	21.00
Pink Pearl	2.30	21.00
Pure Rose	1.75	16.00
Pure White	1.75	16.00
Rose of Marienthal—Soft rose carmine eye	1.75	16.00
Rose of Zehlendorf—Light salmon.....	2.25	20.00
Salmon Rose Imp.	2.25	20.00
Salmon Scarlet	2.30	20.00
White with Carmine Eye	1.75	16.00



Gloeckner STRAIN

This strain is produced by one of the foremost Cyclamen specialists in Europe and is considered outstanding.

An asterisk has been placed before the colors considered the best of the newer shades.

DAUERNHEIM STRAIN

	Per 1000
Four separate colors available at.....	\$28.00

Siter's Hybrids

Trade Mark

They are a distinct improvement over the original Siter's Strain, and because they are Hybrids from original crosses, cannot be offered by anyone but the originator.

This is an entirely new group of Cineraria Hybrids, blended for a perfect combination of colors, ranging from bright-eyed types through the finer pastel shades.

These new types carry large flower heads with medium, large individual flowers.

Seed for 1000 plants.....\$10.00

Seed for 500 plants.....\$ 5.00

MULTIFLORA GRANDIFLORA NANA MIXED
(Improved German Strain)

(Approx. 6,000 seeds per 1/32 oz.)

This is an outstanding German Strain consisting of a beautiful color assortment of bright-eyed types.

Tr. Pkt. \$2.50 1/64 oz. \$10.00 1/32 oz. \$19.00

Positively do not use soil that was previously used for Mums and especially so if your Mums were affected with Verticillium wilt or Seidewitz disease. CINERARIAS are attacked by this wilt which is a soil-borne fungus. It will cause the lower leaves to wilt and die and then gradually kill the entire plant. The only prevention for this trouble is to use new field soil from seeds flats to finished pot. It is recommended to steam sterilize soil.

	Per 100	1000
*1. Bright Red	\$1.90	\$17.50
2. Light Pink	1.90	17.50
3. Rose of Marienthal—Pink with dark eye	1.90	17.50
4. Lilac	1.90	17.50
5. White with Dark Eye	1.90	17.50
*6. Pure White	1.90	17.50
7. Glory of Wandsbek or Perle of Zehlendorf—Dark salmon	2.40	20.00
8. Rose of Zehlendorf—Light salmon.....	2.40	20.00
9. Vermilion	2.50	22.00
10. Aurora—Salmon with ivory sheen...	2.50	22.00
11. Rococo—Salmon shades fringed rim	2.50	22.00
12. Bonfire	2.50	22.00
*13. Golden Salmon	2.50	22.00
*14. Silver Salmon	2.50	22.00
*15. Salmon Pink with White Rim.....	2.50	22.00
*16. Harlequin—Pink with dark stripes....	2.50	22.00
17. America	2.50	22.00
19. Saffron—Red with salmon sheen.....	2.50	22.00
*20. Exquisite—Salmon pink with white rim	2.50	22.00
*21. Apple Blossom	2.50	22.00
*22. Peach—Purest peach blossom color	2.50	22.00
*23. Cattleya—Pale lavender lilac blue...	2.50	22.00
*24. Sunset—Beautiful strong orange.....	2.50	22.00
25. Dark Red	1.90	17.50
27. Bordeaux—Red shade	2.50	22.00
28. Pink with Salmon Eye	2.50	22.00
29. Saffron with Silver Rim	2.50	22.00

COLEUS

WINDSOR HYBRIDS

(Improved Rainbow Strain)

(Approx. 3,500 seeds per 1/32 oz.)

Exceptionally fine strain containing an unusually bright assortment of colors. Even as young plants the foliage color patterns is excellent. Coleus make excellent pot and bedding plants. For Decoration day sales, sow seed the first week in January.

Tr. Pkt.	1/64 oz.	1/32 oz.	1/16 oz.
\$1.75	\$2.75	\$5.25	\$9.50



CROSSANDRA

Attractive foliage and flower spikes of bright salmon florets make this an interesting plant. Sow seed any time. Most easily started in spring, however. Flowers in six to nine months. Grow at 65 degrees in rich, well-drained soil. 50 seeds \$2.00 200 seeds \$6.00

COSMOS (Sensation)

(Approx. 5,500 seeds per oz.)

	Tr. Pkt.	Oz.
Pinkie—Delightful rose pink.....	\$.30	\$1.50
Purity—Glistening white .....	.30	1.50
Crimson—Deep red selection of Sensation .....	.30	1.50
Radiance—Deep rose with band of rich crimson .....	.30	1.50
Sensation Early Mixed — Flowers earlier than other varieties. Wide color range .....	.50	4.80

HYBRIDA KLONDYKE

(Approx. 4,000 seeds per oz.)

	Tr. Pkt.	Oz.
Fiesta—Brilliant gold striped scarlet	\$.55	\$4.80

CUPHEA

(Approx. 7,000 seeds per oz.)

Firefly—As a spring pot or bedding item, easily produced from seed. Reach a height of twelve inches covered with scarlet flowers.

Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
\$.25	\$.75	\$1.35	\$4.00

DAHLIAS

(Approx. 3,000 seeds per oz.) Tr. Pkt. 1/4 oz. Oz. 1/4 lb.

Unwin's Dwarf Ideal Bedding Mixed — Early flowering semi-double, 18 inches, in a wide range of colors	\$.40	\$.80	\$2.50	\$7.50
Coltness Hybrids — Dwarf single type, very free flowering, height 2 feet, choice mixed colors .....	.30	.50	1.75	

DIANTHUS HEDDEWIGII LACINATUS

(Approx. 23,000 seeds per oz.)

	Tr. Pkt.	Oz.
Double Gaiety—Bright colors	\$.35	\$2.50
Gaiety—Single flowers in a wide range of gay and brilliant colors. The deeply cut petals give the flowers a lacy appearance .....	.35	2.50
Sweet Wivelsfield (Single Mixed) — Brilliant colors. Free flowering .....	.25	1.25

DIDISCUS

(Approx. 10,000 seeds per oz.)

	Tr. Pkt.	Oz.
Responds to Additional Light.		
Coerulea—(Blue Laceflower)	\$.30	\$2.50

DIMORPHOTECA (African Daisy)

(Approx. 15,000 seeds per oz.)

	Tr. Pkt.	Oz.
Aurantiaca—Golden orange. Splendid for cutting; well adapted for forcing.....	\$.25	\$1.25
Aurantiaca Hybrid Mixed .....	.25	1.25

DRACAENA

(Approx. 1,500 seeds per oz.)

	Lb.	1/4 lb.	Tr. Pkt.	Oz.
Indivisa — Narrow green leaves. The popular kind for bedding or vases.....	\$5.50	\$1.65	\$.20	\$.55

EUPHORBIA

(Approx. 2,500 seeds per oz.)

	Tr. Pkt.	Oz.	1/4 lb.
Variegata — (Snow on the Mountain)	\$.30	\$.90	\$3.00

EXACUM

(Approx. 15,000 seeds per 1/64 oz.)

	Tr. Pkt.	1/128 oz.	1/64 oz.
Affine — An attractive and easily grown pot plant. The violet-blue flowers are fragrant	\$1.25	\$3.25	\$6.00

FEVERFEW (Matricaria)

(Approx. 150,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
Double White Improved — Select florist strain	\$1.00	\$6.00	\$18.00

FREESIA

The method of producing Freesias from seed is gaining popularity. Sown in frames the middle of May, bulbs can be lifted in September. Large long-stemmed flowers are obtained in January. Soak seed prior to planting. Cover with sash until plants are up, then gradually give air.

Best European Strains. Prices on request.

GAILLARDIA PICTA

(Approx. 9,000 seeds per oz.)

	Tr. Pkt.	Oz.
Indian Chief—Single bronzy red.....	\$.20	\$1.00
Double Lorenziana—Finest mixed .....	.20	1.00
Single Mixed .....	.20	1.00

GERBERA (Transvaal Daisy)

Hybrids Mixed—A selected strain of fully duplexed flowers containing all colors but blue.

100 seeds \$.70 1000 seeds \$5.50 5000 seeds \$25.00

GOMPHRENA (Globe Amaranth)

(Approx. 10,000 seeds per oz.)

An attractive everlasting garden flower with some value for cutting. Stands hot, dry conditions.

	Tr. Pkt.	1/4 oz.	Oz.
Rubra — Bright deep shade of magenta purple	\$.30	\$.50	\$1.50
Buddy —Dwarf strain for bedding, pots and combinations. Bright reddish-purple .....	.60	1.00	3.00

GREVILLEA (Silk Oak)

(Approx. 3,000 seeds per oz.)

March sowing will make a good sized specimen by Fall. June sowing will make 2 1/4 inch pot plants ideal for use in panning poinsettias.

	Tr. Pkt.	1/4 oz.	Oz.
Robusta —A splendid foliage plant.....	\$.40	\$1.35	\$4.50

GYPSOPHILA (Baby's Breath)

(Approx. 34,000 seeds per oz.)

Free blooming plants of easiest culture. Desirable for cutting to mix with other flowers.

	Oz.	1/4 lb.	Lb.	5 lbs.
Convent Garden Strain —Pure white	\$.30	\$.75	\$2.50	\$10.00
London Market Improved .....	.30	.75	2.50	10.00

HELIANTHUS (Double Sunflower)

(Approx. 985 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
Sun Gold — Brilliant golden yellow, large double flowers, free flowering. 100% double; 4 to 5 feet tall. Fine for large basket work. Well worth a trial.....	\$.20	\$.40	\$1.00

HELICHRYSUM MONSTROSUM

(Approx. 45,000 seeds per oz.)

	Tr. Pkt.	Oz.
Mixed	\$.20	\$1.00

DELPHINIUM**MISCELLANEOUS STRAINS**

(Approx. 10,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
Blackmore — Langdon Strains.....	\$.40	\$1.25	\$3.75	\$12.50
Cliveden Beauty (Improved Belladonna) — Selected strain. Turquoise blue .....	.40	1.25	3.75	12.50
Bellamosum — Dark blue. Belladonna habit of growth.....	.40	1.25	3.75	12.50
Gold Medal Hybrids —Large flowering. Tall .....	.35	1.00	3.00	
Lamartine — Fairly deep bright marine blue. Excellent cut flower habit .....	.55	1.50	5.00	
Wrexham Hybrids — Blending of light and dark shades.....	.60	1.75	6.00	

CHINENSIS TALL FLORIST STRAINS

(Approx. 19,000 seeds per oz.)

	Tr. Pkt.	Oz.
Alba —Pure white	\$.25	\$1.50
Cambridge Blue —Azure blue .....	.30	2.75
Liberty —Dark blue .....	.25	1.50

PACIFIC STRAIN (VETTERLE & REINELT)

(Approx. 13,000 seeds per oz.)

This is the finest strain of Delphinium yet introduced. From our personal observation in the field, we find this has unquestionably proven to be the leader in Delphiniums of the better type. The flowers are immense in size, well set on strong, straight stems, do not shatter, and are 40 to 90% mildew resistant. July or August sowing and transplanting into the field during the fall will produce an early crop with large spikes. Delphiniums require a well-drained soil, neutral in reaction. January sowing will produce flowers during the summer.

ASTOLAT SERIES

The color variations in this series extend from pale blush through lilac pink to deep raspberry rose. Large brown, fawn and black bees lend interesting contrast.

BLACK KNIGHT

The individual florets, 2 to 3" in diameter, are **Dark Purple**, beautifully rounded form with heavy velvety texture. Very large well formed spikes.

BLUE BIRD SERIES

This series can be recommended as being the **clearest medium blues with white bees**. They carry well formed round flowers 2 1/4 inches in diameter on very long, graceful spikes.

BLUEJAY SERIES

Color striking. **Clear medium to dark blue**. Very intense and alive with contrasting bee.

CAMELIARD SERIES

A **pure lavender self**, with **white bee**, individual flowers are very round and flat. Excellent growing habits.

GALAHAD SERIES

Flowers **Clear White**, averaging three inches in diameter, pyramidal spikes, good branching habit, strong stems with a high percentage of mildew resistance.

GUINEVERE SERIES

Light Pink Lavender self with **white bee**. Individual florets 2 1/8 to 3 inches in diameter. For cut flowers and show purposes. Mildew resistance—50 to 70%.

KING ARTHUR

Brilliant Royal Violet with large **white bee**. Individual florets 2 1/2 inches in diameter. Excellent for cut flowers. Mildew resistance from 80 to 90%.

LANCELOT SERIES

Clear Lilac self with **white bee**.

PERCIVAL SERIES

A companion to the Galahad Series. Large **glistening white flowers** with strongly contrasting **black bee**.

ROUND TABLE SERIES

This represents **all the color combinations of the Knights and their Ladies** which will eventually be introduced. Some three hundred different crosses were used to make up this group.

SUMMER SKIES SERIES

Clear Light Blue with **white bee**. Individual florets 2 to 2 1/2 inches in diameter. Ideal for cut flower purposes. Mildew resistance—40 to 60%.

ALL COLORS MIXED

A blend containing all named colors mentioned above.

Prices for all above varieties:

Tr. Pkt. \$2.00 1/8 oz. \$3.00 1/4 oz. \$5.50 Oz. \$20.00

GLOXINIA

From the time seed is sown six months is required to mature this plant. Sown in December nice 5-inch specimens can be had by June. Carry plants in a 65-degree house and grow in a soil consisting of 1/3 each of peat, light organic soil and sand. Never let plants dry out and provide light shade.



	Tr. Pkt.
Beacon Fire—Light and dark red mixed.....	\$1.25
Emperor Wilhelm—Purple bordered white.....	1.25
Gierths White—Pure white	1.25
Hamburger Blood Red	2.00
Holstein Blut—Blood red	2.00
King of the Giants—Velvety crimson.....	1.25
Panzer Red—Velvety scarlet (originator's strain)...	3.00
Switzerland—Red with white border	1.25
Symphony in Rose—Deep rose with white border	1.25
Mixed—This mixture consists of the most desirable Florist strains of the flexible leaf type.....	1.25

IMPATIENS

(Approx. 66,000 seeds per oz.)

Excellent bedding plant for shady locations that also makes good winter and spring pot plants. Blooms year around as pot plant.

DWARF TYPES

	Tr. Pkt.
Fire Gleam—Cinnabar scarlet.....	\$1.50
Fire Glow — Dark scarlet (originator's packets only)	1.50
Orange Gleam—Vermilion	1.50
Scarlet Gleam—Carmine scarlet.....	1.50

TALL GROWING TYPE

	Tr. Pkt.	1/16 oz.	1/8 oz.
Sultani Hybrids Mixed	\$.50	\$1.60	\$2.00

IPOMEA (Morning Glory)

	Tr. Pkt.	Oz.	1/4 lb.
Clark's Mammoth Blue—(Heavenly Blue Improved)	\$.25	\$.75	\$2.25
Pearly Gates — Lovely lustrous white with creamy shading deep down in the throat .....	.30	.90	3.00
Scarlet O'Hara — Rich dark wine red or deep rosy crimson.....	.25	1.25	
Noctiflora—(Moonflower)—Flowers at night .....	.20	.60	2.00

KOCHIA

(Approx. 30,000 seeds per oz.)

(SUMMER CYPRESS OR MEXICAN FIRE BUSH)

	Tr. Pkt.	Oz.
Childsi—Improved strain	\$.15	\$.50

KALANCHOE

(Approx. 60,000 seeds per 1/32 oz.)

For Christmas flowering, shade the plants with black cloth from September 1st to October 10th, from 5 P.M. to 8 A.M. each day and grow in 60 degree house.

Tr. Pkt. 1/64 oz. 1/32 oz.

Improved Tom Thumb—Sport of original Tom Thumb with similar habit, but has florets, larger with more substance and a darker red	\$3.50	\$6.50	12.00
Vivid — Similar to Tom Thumb.			
Orange-red	3.50	6.50	12.00
New Yellow — Similar to Tom Thumb	3.00	6.00	11.00
Blossfeldiana .....	.65	1.75	

LINARIA

(Approx. 428,000 seeds per oz.)

Excellent for combination work. Sown in January will make good combination pots for Mother's Day.

Tr. Pkt. Oz.

Fairy Bouquet—Pastel shades; compact.....	\$.25	\$1.75
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LOBELIA

(Approx. 700,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
Blue Stone—Dwarf bright blue.....	\$.40	\$1.25	\$3.75
Emperor William—Gentian-blue.....	.40	1.25	3.75
Crystal Palace Compacta — Dark blue .....	.40	1.25	3.75
Mrs. Clibran Imp. — Dwarf blue, white eye .....	.40	1.25	3.75
Rosamond—(New)—Carmine with white eye .....	.50	1.50	4.50
Sapphire — Deep blue, white eye, eye, trailing .....	.40	1.00	3.25
White Lady — Dwarf, sparkling white .....	.40	1.25	3.75

LUPINUS (Annual)—Giant King

(Approx. 13,000 seeds per oz.)

An improved strain 3 to 4 ft. tall. King Lupinus have the base branching habit, with four to six long spikes to the plant. A January sowing will give good 3" pots for spring.

Sky Blue; Heliotrope; Blue; White; Mixed

PRICES ABOVE: Tr. Pkt. \$.25 Oz. \$1.00 1/4 lb. \$3.00

MIGNONETTE

(Approx. 26,000 seeds per oz.)

Tr. Pkt. 1/4 oz.

Giant New York Market—Select strain.....	\$.35	\$1.00
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MIMOSA

(Approx. 4,500 seeds per oz.)

Tr. Pkt. 1/4 oz. Oz.

Pudica—(Sensitive Plant)	\$.30	\$.50	\$1.50
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MYOSOTIS (Winter Flowering)

(Approx. 30,000 seeds per oz.)

Tr. Pkt. 1/4 oz. Oz.

Blue Bird	\$.50	\$1.50	\$4.50
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NASTURTIUM

DOUBLE GLEAM

(Approx. 175 seeds per oz.)

Oz. 1/4 lb. Lb.

Glorious Gleam Hybrids Finest Mixed—Wide assortment colors...	\$.40	\$1.25	\$4.00
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DWARF DOUBLE

Oz. 1/4 lb. Lb.

Golden Globe—Golden yellow.....	\$.45	\$1.50	\$4.50
Gem Mixture — Dwarf compact, excellent color range45	1.50	4.50

LARKSPUR

(Approx. 9,000 seeds per oz.)

Larkspur seed sown directly in the open in fall will flower the following spring. The first method is to sow the seed about August 15th to September 15th. The seedlings will be large enough when cold weather sets in to winter over when given a light mulch. The other method is to sow seed in late October or early November so that it will not germinate until early the following spring. This crop will generally come in shortly after Delphinium Belladonna.

GIANT IMPERIAL OR BASE BRANCHING

Blue Bell—Azure blue
Blue Spire—Very deep violet blue
Brilliant Rose—Deep salmon rose suffused
Carmine King—Deep carmine rose
Exquisite Pink Improved—Soft pink shaded salmon
Lilac King—Rich lilac, full double closely spaced florets
Lilac Spire
Miss California—Deep rose on salmon
Rosalind—Salmon pink
Sweet Lavender—Lavender color
White King—Glistening white, huge flowers
White Spire—Pure white, early
Mixed—Named colors

	Tr. Pkt.	Oz.	1/4 lb.	Lb.
PRICES ABOVE:	\$.30	\$1.60	\$5.25	\$16.00

NEMESIA

(Approx. 25,000 seeds per 1/4 oz.)

NANA COMPACTA

Dwarf habit. Branches freely from base. Excellent for pots and combination work.

Tr. Pkt. 1/4 oz.

Superbissima Mixed — Large flowered
 bright shades \$.35 \$1.25

STRUMOSA GRANDIFLORA

August sowing for cut flowers in December. October sowing for spring.

Tr. Pkt. 1/4 oz.

Finest Mixed \$.30 \$1.00

NIEREMBERGIA (Dwarf Cup Flower)

(Approx. 5,500 seeds per 1/32 oz.)

Sow seed early to have plants in flower for Decoration Day. Excellent plant for edging and general bedding. Will flower profusely during entire summer.

Tr. Pkt. 1/32 oz. 1/16 oz.

Purple Robe—Deep violet purple..... \$.50 \$1.75 \$3.25

SUPREME STRAIN

A new strain of the popular Giant Imperial or Base Branching Type of Larkspur. Plants have an upright habit with longer spikes and fuller flowers.

Dark Blue Supreme—Rich violet purple
Lilac Supreme—Clear lilac
Pink Supreme—Clear rose pink, deeper in color than Pink King and Los Angeles Improved
Rose Supreme—Clear, pure deep rose
Salmon Supreme—A true shade of real salmon
White Supreme
Supreme Mixture

	Tr. Pkt.	Oz.	1/4 lb.	Lb.
PRICES ABOVE:	\$.40	\$1.80	\$6.00	\$18.00

REGAL STRAIN

Long spikes of well placed florets distinguishes this new strain from all others. It keeps the desirable height and basal branching habits of the Giant Imperials.

Dark Blue—Deep violet blue
Lilac—Clear lilac
Pink—Brilliant pink on salmon
Rose
Salmon Rose
White
Mixed

	Tr. Pkt.	Oz.	1/4 lb.	Lb.
PRICES ABOVE:	\$.40	\$1.80	\$6.00	\$18.00

NICOTIANA (Ornamental Tobacco)

(Approx. 200,000 seeds per oz.)

Tr. Pkt. Oz.

Crimson Bedder—Compact, deep crimson \$.30 \$2.00
Dwarf White Bedder — Plants are very dwarf and compact, bearing pure white scented flowers, which remain open all day..... 1/8 oz. \$1.75; 1/4 oz. \$2.50 .75 7.50
Sensation Mixed — Flowers remain open during the day and are fragrant as other varieties. Compact, ideal for bedding 1/4 oz. \$1.00 .40 3.25

PEPPERS (Ornamental)

(Approx. 9,000 seeds per oz.)

Tr. Pkt. 1/4 oz.

Birds Eye — Popular birdseye or holly berry type \$.50 \$1.25
Christmas Candle—Bears candle-like fruit .50 1.25
Long Pointed—Fine selection, long pointed type50 1.25
Robert Craig—(Dwarf)—Compact, spreading, heavy fruiting Oz. \$6.00 .75 1.75

MARIGOLD TALL VARIETIES FOR CUTTING

(Approx. 10,000 seeds per oz.)

MISSION GIANTS

Ball-shaped blooms measure 3" across. For Spring greenhouse or outdoors.

	Tr. Pkt.	1/4 oz.	Oz.
Goldsmith —Golden orange	\$.45	\$.75	\$2.50
Yellowstone —Clear golden yellow .....	.45	.75	2.50

GIGANTEA

A remarkable new sweet scented, robust growing extremely large flowered type, ideal for show purposes, florist use and garden decoration. It has also been tested and found good for greenhouse culture.

	Tr. Pkt.	1/4 oz.	Oz.
Crackerjack — Uniformly large double flowers produced on shorter plants than Sunset Giants. Complete marigold color range...	\$.50	\$1.00	\$3.00

Orange Sunset — Deep rich, lively orange30	.55	1.75
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Sunset Giants Early Mixed —Exciting blend of orange and yellow shades. Flowers 18 days before regular strains30	.55	1.75
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CARNATION FLOWERED

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
Guinea Gold — Reselected strain orange loosely finished flowers. 2 1/2 feet.....	\$.30	\$.55	\$1.75	\$6.00

Mam-In-The-Moon — One of the newest and finest creamy lemon yellows.....	.35	1.00	3.00	
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Real Gold —Golden orange...	.30	.55	1.75	6.00
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Yellow Supreme — Light lemon yellow30	.55	1.75	6.00
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WINTER FLOWERING

Colorado Sunshine—This is a marigold selected as a cut flower variety. It is a luminous golden yellow with ruffled and wavy petals. Flowers 3 to 4 inches. Also recommended for outdoor culture. The stems are long and strong.

Tr. Pkt. \$.50	1/4 oz. \$1.50	Oz. \$4.50
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CHRYSANTHEMUM FLOWERED

	Tr. Pkt.	1/4 oz.	Oz.
Glitters —Lemon yellow	\$.35	\$1.00	\$3.00

Happiness — (Medium Dwarf) — About 18" tall. Large flowers of a cheerful golden yellow color. Profuse bloomer45	.75	2.50
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AFRICAN TALL DOUBLE

Of comparative recent development, these all double strains produce practically 100% true double flowers.

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
Fluffy Ruffles — Golden yellow	\$.35	\$1.00	\$3.00	
Golden Emblem —A distinct shade of deep golden yellow .....	.30	.55	1.75	
Orange All Double — Rich orange .....	.30	.55	1.75	\$6.00
Lemon All Double — Bright lemon yellow .....	.30	.55	1.75	6.00
Lemon Queen — Bright lemon yellow .....	.30	.55	1.75	6.00
Prince of Orange Improved...	.30	.55	1.75	6.00



MARIGOLD BEDDING VARIETIES

(Approx. 9,000 seeds per oz.)

DWARF DOUBLE AFRICAN

Cupid—Dwarf African-type flowers with globular flowers and odorless foliage. Available in the following colors:

Yellow Golden Primrose	Orange Mixed
Tr. Pkt. \$.60 1/4 oz. \$1.75 Oz. \$5.00	

	Tr. Pkt.	1/4 oz.	Oz.
Gypsy Jewels —A mixture of various shades of yellow and orange. Plants dwarf compact and neatly formed .....	.35	.50	1.75
Pot O'Gold —Deep golden orange 100% double .....	.30	.65	2.00

DWARF FRENCH DOUBLE

	Tr. Pkt.	1/4 oz.	Oz.
Color Magic —Mixture of red, gold striped and mottled combinations .....	.35	.75	2.25
Eldorado — Canary yellow tinted slightly deeper toward the center .....	.40	1.00	3.00
Giant Spry —Blooms twice size of Spry .....	.40	1.00	3.00
Harmony — Deep orange center petals flanked by wide dark maroon, brown petals .....	.30	.65	2.00
Harmony Hybrids — Dwarf attractive mixture of harmony type: crested flowers .....	.30	.65	2.00

Petite (New)—This class of extra dwarf French double marigolds is excellent for borders and mass effects. **Petite Orange, Petite Gold, Petite Harmony** were A.A.S. winners for 1958. **Petite Yellow** was not included in the trial but completes the color range and is as outstanding as the others. Sold individually or as a mixture.

Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.	1/4 lb.
\$.70	\$1.25	\$2.00	\$6.00	\$20.00

Primrose —Double sulphur yellow. Extra fine for borders .....	.30	.65	2.00
Primrose Gem — Primrose-yellow flowers, fully double, 2-2½ inches across. Plants 9 inches tall.....	.40	1.00	3.00
Rusty Red — (Fandango) — Large flower fully double .....	.35	.65	2.00
Scarlet Glow —Mahogany turning to orange scarlet .....	.35	.65	2.00
Tangerine — New distinct bright tangerine-orange. Early bloomer. Excellent for cutting .....	.35	.65	2.00

MINIATURE EXTRA DWARF

	Tr. Pkt.	1/4 oz.	Oz.
Butterball — Dwarf.. Soft butter yellow .....	.35	.65	2.00
Dainty Marietta — Single extra early very dwarf selection of Naughty Marietta .....	.50	1.00	3.00
Gold Crest —Dwarf double golden yellow .....	.35	.55	1.85
Melody — Dwarf. Double brilliant orange .....	.35	.65	1.80
Spry Hybrids — Miniature flower abundantly produced in new and unusual combinations .....	.40	1.00	3.00
Spry — Yellow crested center, mahogany red guard petals .....	.35	.65	2.00
Sunkist —Rich deep golden orange .....	.35	.65	2.00
Lemondrop — Full double canary-yellow .....	.35	.65	2.00
Yellow Pygmy .....	.35	.65	2.00

DWARF FRENCH SINGLE

	Tr. Pkt.	1/4 oz.	Oz.
Brownie — Mahogany-red flowers with golden-yellow centers; 2" across .....	.50		4.50
Fire Cross — (saffron-orange) with brown, red center .....	.35	.50	1.75
Flash —Flowers ranging from vivid red through bronze with a few yellow, to give harmonious contrast .....	.35	.60	1.80
Naughty Marietta —Golden yellow single flowers with maroon blotch .....	.35	.60	1.80
Red Head —Large flowers mahogany turning to bronze and gold... ..	.35	.60	1.80
Sunny —Clear yellow .....	.35	.60	1.80



PETITE MARIGOLDS
(1958 All-America Selections)

PETUNIAS

F₁ Hybrids

Your customers will find the F₁ HYBRID PETUNIAS listed below noteworthy for their clear strong colors and dwarf compact growth. Their vigor surpasses that found in linebred varieties, and they remain attractive much longer in bed or pots than non-hybrids. Even as young plants their superiority is evident. They sell on sight. They bloom two weeks earlier.

GRANDIFLORA SINGLE

	Tr. Pkt.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
Ballerina —Soft glowing salmon.....	\$2.50	\$ 8.00	\$15.50	\$30.00	\$57.00	\$108.00
Blue Lustre —(New)—Displays an attractive series of blue shades. Fully opened flowers have a light hue with warm reddish undertone during hot weather. The old flowers silver to a distinct mid-blue. The general effect is a lighter and livelier blue than other strains. Plants 1 foot tall, spread 2 feet, but no barren areas appear in the middle of the plant.....	3.00	10.00	19.00	36.00	69.00	129.00
Blue Mantle —Dwarf fringed, large violet blue.....	2.50	8.00	15.50	30.00	57.00	108.00
Bolero —Carmine rose pink.....	2.50	8.00	15.50	30.00	57.00	108.00
Bonfire —Plain edge, salmon scarlet with gold throat.....	2.50	8.00	15.50	30.00	57.00	108.00
Crusader —Large well fringed intense rose and white flowers striped and blotched.....	2.50	8.00	15.50	30.00	57.00	108.00
Fairyland —Dwarf fringed, light salmon pink.....	1.75	6.50	12.00	20.00	35.00	60.00
Fire Dance —(All America) Brilliant salmon-scarlet with yellow throat. Uniform dwarf plants. Flowers deeply fringed.....	2.50	8.00	15.50	30.00	57.00	108.00
Fire Gleam —Bright salmon scarlet.....	1.75	6.50	12.00	20.00	35.00	60.00
Flirt —Plain edge, clear pink.....	1.75	6.50	12.00	20.00	35.00	60.00
La Paloma —Pure white.....	2.50	8.00	15.50	30.00	57.00	108.00
Maytime —(New All-America Selection 1958)—An enchanting shade of clear, light salmon-pink with slightly deeper veining. Flowers measure 3½ to 4 inches in diameter. Plants 1 foot tall, 24 inches wide. Free flowering, ideal for pots and bedding.....	3.00	10.00	19.00	36.00	69.00	
Minstrel —White ground, marked rich blue.....	2.50	8.00	15.50	30.00	57.00	108.00
Pink Charm —Carmine rose.....	1.75	6.50	12.00	20.00	35.00	60.00
Prima Donna —Bright rose pink.....	2.50	8.00	15.50	30.00	57.00	108.00
Serenade —Violet blue with cream white stamens.....	2.50	8.00	15.50	30.00	57.00	108.00
Snow Lady —Large pure white, well fringed in dwarf habit.....	2.50	8.00	15.50	30.00	57.00	108.00
Tango —Deep scarlet salmon.....	2.50	8.00	15.50	30.00	57.00	108.00
White Magic —Dwarf fringed, white, heavy producer.....	2.50	8.00	15.50	30.00	57.00	108.00
Ballet Mixed —A complete blending of F ₁ Hybrid Petunias.....	2.50	8.00	15.50	30.00	57.00	108.00

MULTIFLORA SINGLE

	Tr. Pkt.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
Apache —Bright red rose.....	\$1.75	\$ 6.50	\$12.00	\$20.00	\$35.00	\$ 60.00
Aztec —Brilliant scarlet with gold throat.....	1.75	6.50	12.00	20.00	35.00	60.00
Glitters —All America—Brilliant scarlet tipped with white. Plants very dwarf and compact.....	2.50	8.00	15.50	30.00	57.00	108.00
Commanche —Very deep scarlet red.....	1.75	6.50	12.00	20.00	35.00	60.00
Inca —Bright rose-red with gold throat.....	1.75	6.50	12.00	20.00	35.00	60.00
Linda —Clear, light salmon-pink.....	1.75	6.50	12.00	20.00	35.00	60.00
Mohawk —Bright rose pink.....	1.75	6.50	12.00	20.00	35.00	60.00
Ophelia —(New)—Light salmon-pink similar to Linda. Uniform in color and growth habit.....	1.75	6.50	12.00	20.00	35.00	60.00
Paleface —Pure white.....	1.75	6.50	12.00	20.00	35.00	60.00
Peach Satin —(New)—A salmon-pink with satiny sheen. Plants about 2 inches taller than Red Satin but maintain the characteristic globe shape. Extreme floriferousness and resistance to splitting.....	2.25	7.50	14.50	26.00	46.00	82.00
Pink Satin —(New)—Plant is globe shaped, dwarf and compact. Flowers a brilliant rose-pink, accentuated by a small white area deep in the throat of the bloom.....	2.25	7.50	14.50	26.00	46.00	82.00
Pink Sensation —Clear pink.....	1.75	6.50	12.00	20.00	35.00	60.00
Red Satin —All-America—Non-fading brilliant orange-scarlet flowers on compact plants.....	2.25	7.50	14.50	26.00	46.00	82.00
Rose Charm	1.75	6.50	12.00	20.00	35.00	60.00
Silver Medal —Salmon rose.....	1.75	6.50	12.00	20.00	35.00	60.00
Sioux —Medium tone salmon.....	1.75	6.50	12.00	20.00	35.00	60.00
Pow-Wow Mixed —A blend mixture of the Red Skin Petunias with a few unnamed varieties added to give color balance.....	1.75	6.50	12.00	20.00	35.00	60.00

PETUNIAS

ALL-DOUBLE PETUNIAS

GLOECKNER'S All Double Mixed—Consisting of the best of the all double petunias.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.
\$4.00	\$7.60	\$14.45	\$28.00

Canadian Mixed Improved—This mixture has been improved by the addition of more rose pink and salmon shades.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.
\$4.00	\$7.60	\$14.45	\$28.00

VICTORIOUS & GIANT VICTORIOUS

Attraction — Rich bright rose and contrasting white variegation. Pure white

Blue Brocade—Violet blue

Cheerful—True clear pink, large flowered

Gaiety—Light rose red. Variegated white markings

Pure White

Purple Queen—Exceptionally large flowered, brilliant rich purple shaded velvety blue

Rosy Carmine—(World Beauty)—Bright rose

Salmon Shades—Consists of variations of salmon rose shades, large flowered and well fringed

Sunset Giant—Brilliant deep salmon shaded scarlet. Bright colored, fully doubled, well fringed

White Swan—Large double flowers, very well fringed

Victorious Mixed

PRICES ABOVE:

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.
\$4.00	\$6.50	\$12.00	\$22.00



GLORIOUS MIXTURE

PAN AMERICAN

This is an exceptionally fine strain of All-Double Petunias bred and grown in the United States. It is considered one of the leading strains and has large double flowers in the most popular colors.

Allegro — Bright deep salmon, scarlet salmon buds. Flowers dwarf, vigorous and free blooming.

Caprice—Brilliant rose pink, dwarf growing vigorous compact. A very popular color.

Nocturne—Deep midnight purple, the deepest color in Petunias.

Rhapsody—Wine purple.

Sonata—Pure white, semi-dwarf with deeply fringed flowers.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.
\$4.50	\$8.50	\$16.00	\$29.50

Glorious Mixture—A balanced complete mixture of all the above varieties.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.
\$4.00	\$7.50	\$14.45	\$28.00

GRANDIFLORA COMPACTA

(Approx. 300,000 seeds per oz.)

(SINGLE FRINGED—Dwarf)

	Tr. Pkt.	1/64 oz.	1/32 oz.
Gaiety —Rose and white	\$.80	\$1.75	\$3.00
Lace Veil —Pure white .....	.85	2.00	3.50
Setting Sun —Deep rose .....	.85	2.00	3.50

GRANDIFLORA F2

	Tr. Pkt.	1/32 oz.	1/16 oz.
Carnival — A mixture of fringed and ruffled flowers, typical of the grandiflora type, consisting of wide range of colors including solids and bi-colors	\$1.50	\$3.85	\$7.00

NANA COMPACTA FRINGED

Tr. Pkt. 1/64 oz. 1/32 oz.

Innocense — (Fringed Snowstorm)
Pure white flowers dwarf compact habit \$1.00 \$2.50 \$3.75

Little Giants Mixed — (Ruffled) —
The blooms are extra large, well ruffled with good open throats and are more of the Dwarf Giants of California Type in both form and size..... .75 1.50 2.75

Little Giants, Pink Shades—Same habit as above mixture but shades of pink only..... 1.00 1.75 2.75

TURN PAGE

Gloeckner

FLOWER SEEDS

20 PETUNIAS (Cont'd)

HYBRIDA NANA ERECTA (DWARF HYBRIDA CLASS)

(Approx. 280,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
Admiral — Dwarf blue. Flowers ruffled at edge. 1/64 oz. 1.75; 1/32 oz. 3.00; 1/16 oz. 5.50	.85		
Blue Bedder — Mid blue.....	.40	\$1.35	\$4.25
Celestial Rose Improved — Deep rose, very compact .....	.60	2.25	6.50
English Violet — Violet shading to rose .....	.75	2.75	
Fire Chief — True scarlet. 1/16 oz. 1.65; 1/8 oz. 3.00 .....	.50	5.00	
Glow —Dazzling carmine red. 1/8 oz. 2.00 .....	.50	4.00	
Glowing Rose — A large and intense color .....	.60	3.25	
Heavenly Blue Improved — Light blue .....	.50	1.75	6.00
Howard Star Improved — (Hybrida) — Velvety purple.....	.40	2.25	6.75
King Henry — Rich velvet red. Dwarf and large flowered. 1/32 oz. 1.45; 1/16 oz. 2.75; 1/8 oz. 5.25 .....	.60	9.50	
Lipstick —Bright cerise rose, shaded salmon with white throat.....	.50	5.00	
Radiance —(Hybrida)—Cerise rose with underlying salmon color.....	.40	1.50	
Rose of Heaven Improved — Very dwarf .....	.50	1.25	3.75
Rosy Morn Improved —Very dwarf .....	.50	1.25	3.75
Sky Chief — (New) — Compact plant. Clear pale blue flowers. Color holds in warm weather.....	.50	1.75	6.00
Snowball —Pure white, compact.....	.40	1.75	5.50
Sunrise — (Special Strain) — Brilliant rose with scarlet flush.....	.75		
Topaz Queen — (Hybrida) — Extra dwarf. Scarlet rose .....	.50	1.75	6.00
Twinkles — Brilliant rose starred white .....	.50	2.00	6.00
Velvet Ball —Deep velvety blood red. 1/32 oz. 1.45; 1/16 oz. 2.75; 1/8 oz. 5.25 .....	.75	10.00	
Violacea —Deep velvety purple.....	.50	1.40	4.50
Choice Mixed .....	.50	1.25	3.75

DWARF GIANTS OF CALIFORNIA

(Approx. 160,000 seeds per oz.)

Ramona Strain —(Select) A dwarf sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open, well-marked throats.

Tr. Pkt.	1/64 oz.	1/32 oz.	1/16 oz.
\$1.75	\$2.75	\$5.00	\$9.50

Dwarf Continental Giants—A selected dwarf strain in an exceptionally fine mixture.

Tr. Pkt.	1/64 oz.	1/32 oz.	1/16 oz.
\$1.50	\$2.75	\$5.00	\$9.50

CALIFORNIA RUFFLED GIANTS (LARGE THROATED)

(Approx. 180,000 seeds per oz.)

	Tr. Pkt.	1/64 oz.	1/32 oz.
Glamour —Salmon rose, delicately veined brown in the creamy throat	\$1.75	\$2.75	\$5.00
Prince of Wuertemburg — (Black Prince) — Dark crimson, black throat .....	.75	1.50	2.50
Princess of Wuertemburg — Rose deep garnet throat .....	.75	1.50	2.50
Supreme Strain — Rose and pink shades	1.00	1.75	3.00
Ruffled Monster Mixed .....	.75	1.50	2.50

BALCONY

	Tr. Pkt.	1/4 oz.	Oz.
Black Prince — Deep rich velvety crimson	\$.40	\$2.25	\$6.75
Blue — Rich indigo .....	.40	2.25	6.75
Crimson — Velvety .....	.40	2.25	6.75
Rose — Brilliant .....	.40	2.25	6.75
Balcony Rosy Morn — Pink with white throat .....	.40	2.25	6.75
White — Pure white .....	.40	2.25	6.75
Mixed Colors .....	.40	2.25	6.75

GRANDIFLORA SINGLE FRINGED

(Approx. 230,000 seeds per oz.)

	Tr. Pkt.	1/64 oz.	1/32 oz.
Dainty Lady —Very pale yellow.....	\$1.00	\$2.25	\$3.75
Theodosia Improved — Largest fringed rose, gold throat.....	.90	1.80	3.30
White Beauty .....	.75	1.50	2.75
Fluffy Ruffles Mixed .....	.60	1.50	2.75

GRANDIFLORA SINGLE PLAIN EDGED

(Approx. 230,000 seeds per oz.)

	Tr. Pkt.	1/64 oz.	1/32 oz.
Blue Beauty — Distinct shade of violet blue	\$.75	\$1.50	\$2.75
Dazzler —Brilliant scarlet, compact..	.75	1.50	2.75
Dwarf Elks Pride — Dwarf dark velvety purple .....	.85	2.00	3.50
Pink Glory Improved —Flame rose pink, very compact .....	.85	2.00	3.50
Popcorn —Pure white	1.50	2.75	5.00
Royalty —Large ruffled flowers in a combination of Purple and White .....	.85	2.00	3.50
Snowstorm Improved —Glistening white, shaded yellow in throat..	.85	2.00	3.50
White Cloud — Pure white, dwarf compact .....	.85	2.00	3.50

Multibloom Mixed—This dwarf and vigorous strain is exceptionally free flowering, in a complete range of colors found in this type and having flowers which are equally as large and frilled as those found in the regular strain. Plants are a little more dwarf and spreading than the regular strain.

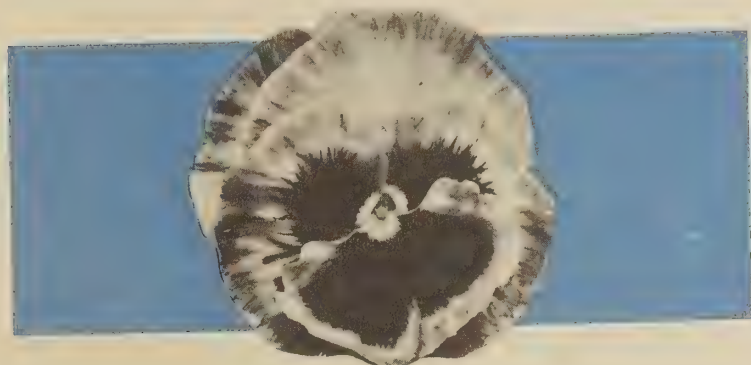
Tr. Pkt.	1/64 oz.	1/32 oz.
\$1.75	\$2.75	\$5.00

PANSIES

(Approx. 21,000 seeds per oz.)

MIXTURES

	Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
Amsterdam Giants — Early free flowering, heat resistant. Large flowered, with a long season of bloom	\$.75	\$1.80	\$3.00	\$10.00
Arcadia —Brilliant colors and pastel shades form a complete color range in this strain characterized by large flowers on sturdy, dwarf plants	1.00	3.00	5.00	15.00
Canadian Giants —A selection out of Maple Leaf Giants. This large flowered mixture has a good color range and flowers of rich heavy substance	1.00	1.85	3.30	11.00
Gloeckner's Exhibition .....	.80	2.00	3.30	11.00
*Jumbo (Steele's)	1.40	3.40	6.10	16.50
Maple Leaf Giants —Large flowering strain .....	.75	1.75	3.00	10.00
Masquerade —(New) F2 early and bright-colored variety derived from the Oregon jumbo type. Vari-colored in shades of yellow blue, violet, mauve and rust.....	1.50	3.75	7.00	22.00
**400" Super Swiss Giants	1.00	2.60	4.70	12.80
*Oregon Giants Mixed —Fine strain of giant ruffled pansies. Large heavy textured flowers in a good range of colors	1.25	2.25	4.00	12.00
Swiss Giant Improved — A special blend for florists, superlative in form and range of dark, rich colors. Most of the blooms waved .....	.75	1.50	2.75	9.00
Tall Winter Flowering —Tall growing winter cut flower variety.....	1.00			



PANSY SPECIAL STRAIN

Pansy seed may be sown anytime between January and April in the greenhouse or outdoors from July to September. Plants from a January to April greenhouse sowing will flower all summer until frost. Plants from an outdoor July to September sowing will be strong enough to winter over outdoors covered with a loose mulch that keeps the soil frozen so the plants do not heave out of the ground. They will bloom for sale the following Spring.

Sow seed thinly and evenly in a sandy loam covered about 1/8 inch with pulverized soil. The seedlings are transplanted to flats or a hotbed and spaced 1 1/2 inches each way, thus hardening off prior to spacing 8 inches each apart in the outdoor beds.

The outdoor beds should be situated on the east or north side of a house for summer shade or be covered with lath to protect the plants from the heat of the summer sun. The soil must be loose and rich; the beds must be kept weeded; the plants watered thoroughly twice a week during dry weather.

PANSY SPECIAL STRAIN MIXED

This strain possesses very large blooms on vigorous plants, and is especially good for bedding. The color range is quite good containing combinations of deep rich colors in the red and wine shades. F2 hybrids, the plants have tremendous vigor and giant flowers. Compact plants, they are ideal for basket work.

Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
\$1.50	\$3.75	\$7.00	\$22.00

NON PLUS ULTRA

This strain has large, fine flowers of superb texture and excellent markings. It is made up of fourteen separate colors so blended that it gives a perfect color balance to the mixture. It is without question a perfect strain for the commercial trade.

Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
\$1.00	\$1.75	\$3.50	\$12.00

SEPARATE COLORS

	Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
Alpenglow — Velvet mahogany-red with dark blotch	\$.80	\$2.00	\$3.50	\$11.00
Berna —Dark violet blue .....	.80	2.00	3.50	11.00
Blue —(Ullswater)—Rich clear blue .....	.80	2.00	3.50	11.00
*Bronze Shades (Jumbo) —Blend of colors ranging from old gold—rich copper to deep browns. A true jumbo strain	1.65	4.95	8.90	24.00
Coronation Gold —Pure golden yellow, flowers slightly ruffled at edges .....	.80	2.00	3.50	11.00
Luna —Sulphur yellow self .....	.80	2.00	3.50	11.00
*Moon Moth (Jumbo) —Pure white.....	1.65	4.95	8.90	22.50
*Pay Dirt (Jumbo) —Yellow	1.75	6.00	11.00	29.70
Pure White	1.00	3.00	5.00	18.00
Rheingold —Yellow with blotch.....	.80	2.00	3.50	11.00

*Originator's Seed

PHLOX *Drummondii*

(Approx. 17,500 seeds per oz.)



Gloeckner

**SPECIAL STRAIN
MIXED**

This is an exceptionally dwarf strain of phlox especially adapted to pot culture for spring sales. The mixture of colors are well balanced and bright with fine individual flower heads.

This strain has been well tried in many localities as we have had it for a number of years in very limited quantities.

Tr. Pkt. \$1.00 1/4 oz. \$2.00 1/2 oz. \$3.50 Oz. \$6.00

NANA COMPACTA

	Tr. Pkt.	1/4 oz.	Oz.
Apricot	\$.40	\$1.00	\$3.25
Chamois Rose—Deep rose .....	.40	1.00	3.25
Fireball—Fiery red .....	.40	1.00	3.25
Isabellina — Yellow .....	.40	1.00	3.25
Salmon Pink .....	.40	1.00	3.25
Snow Ball — Pure white .....	.40	1.00	3.25
Mixed .....	.40	1.00	3.25

Twinkle — (Dwarf Star Mixed) —
All-American — compact plants,
good color range. **Blooms very**
early in flats and continues well
into the summer

.75 2.35 7.00

GIGANTEA

A strain of Phlox Drummondii with flowers measuring 1 1/4 to 1 1/2 inches in diameter. The habit is erect and uniform, growing from 9 to 12 inches tall.

	Tr. Pkt.	1/4 oz.	Oz.
Art Shades Mixed	\$.45	\$1.00	\$3.50

PORTULACA

(Approx. 307,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
Jewel—(Single)—Deep carmine	\$.50	\$1.50	\$4.50
Double — Large flowering mixed. Extra fine quality .....	.50	1.25	4.00
Single—Large flowering mixed .....	.25	.70	2.75

RICINUS

(Approx. 30 seeds per oz.)

(CASTOR BEANS)

	Oz.	1/4 lb.	Lb.
Zanzibariensis Mixed—Very richly colored foliage. Enormous plant, on good soil growing 10' high.....	\$.20	\$.60	\$2.00

SALPIGLOSSIS

(Approx. 105,000 seeds per oz.)

EMPEROR OR SUPERBISSIMA

	Tr. Pkt.	Oz.
Finest Mixed	\$.25	\$1.80

SAPONARIA VACCARIA

January 15th sowing in shallow flats will flower for Mother's Day.

	Tr. Pkt.	Oz.
Rosea—Used in same manner as "Baby's Breath"; feathery pink flowers.....	\$.25	\$1.00

SCABIOSA (Old Maid's Pincushion)

(Approx. 4,000 seeds per oz.)

LARGE FLOWERED TALL DOUBLE

Ageratum Blue—Mid blue
King of the Blacks—Reddish black
Loveliness—Salmon rose shades
Rosette
Shasta—Pure white, very large
Special Mixture

PRICES ABOVE: Tr. Pkt. \$.30 Oz. \$2.50

IMPERIAL GIANTS

Blue Moon — Flowers composed entirely of broad,
heavy, wavy petals. Rich deep lavender blue.

Tr. Pkt. \$.25 1/4 oz. \$.75 Oz. \$2.25

Bridesmaid—Salmon pink shades.

Coral Moon—Deep and light shades of Salmon Rose.

Lavender Moon—Silvery lavender, long-stemmed.

Silvermoon—Purple paper white.

Imperial Hybrids Mixed — Large flowers with strong
stems. Mixed salmon and rose shades.

Tr. Pkt. \$.25 1/4 oz. \$.75 Oz. \$2.25

Prices Above (Except Where Noted)

Tr. Pkt. \$.30 Oz. \$2.50

PRIMULA

MALACOIDES

	Tr. Pkt.
Springtime — An attractive Salmon-pink that does not fade with age.....	\$2.00
Flamingo —Clear pink flowers, strong, compact plants	2.50

ERIKSSON'S MALACOIDES

	Tr. Pkt.	1/64 oz.
Glory of Riverside Imp. — True rose pink. Strong grower	\$1.25	\$2.75
White Giant — An exceptionally strong grower and well adapted for combinations	1.25	2.75
Mrs. Eriksson of Riverside —A glowing rose-red. A very strong grower	1.25	2.75
Lavender —This variety contains the most beautiful shades of lavender	1.25	2.75
Red — An outstanding glowing red. Large flowered and heavy producer	1.25	2.75

OBCONICA

	Tr. Pkt.	1/64 oz.	1/32 oz.
Fasbender Red	\$1.50	\$2.75	\$5.00
Mohnstein Red	1.50	2.75	5.00
Mueller Rose	1.50	2.75	5.00
White — (Snowstorm).....	1.50	2.75	5.00
Blue	1.50	2.75	5.00
Mixed	1.50	2.75	5.00

SALVIA SPLENDENS (Scarlet Sage)

(Approx. 7,500 seeds per oz.)

EARLY BLOOMING
(Early July)

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
Blaze of Fire —16 inches.....	\$.85	\$2.25	\$7.25	\$24.00
Fireworks — 10-14 inches. Improves St. John's Fire in its earliness of bloom and dwarf compact growth	1.00	3.00	10.00	33.00
Firemagic	1.00	3.00	10.00	33.00
Harbinger — 16 inch bright scarlet .....	.85	2.25	7.25	24.00
Scarlet Pygmy — 10" compact plants, early blooming	1.00	4.00	12.00	38.00
St. John's Fire —12 inch blooms	1.00	2.75	9.00	30.00
Toreador —Dwarf, improvement of St. John's Fire.....	1.00	3.00	10.00	33.00

MID BLOOMING
(Mid July)

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
Firebrand —18 inches	\$.85	\$2.25	\$7.25	\$24.00

LATE BLOOMING
(Late July)

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
America —(Globe of Fire) 20 in. ..	\$.65	\$2.00	\$6.00	\$20.00
Bonfire —(Clara Bedman) 26 in. ..	.60	1.50	5.25	17.50
Brightness — 30 in. more compact than Splendens .....	.50	1.40	4.50	15.00
Splendens — Original late-flowering variety, 30 inches.....	.45	1.40	4.50	15.00
Zurich —25 inches .....	.65	1.50	5.25	17.50

FARINACEA (Blue Sage)

	Tr. Pkt.	1/4 oz.	Oz.
Blue Bedder — Medium lavender-blue, 3 ft.	\$.50	\$1.25	\$4.00
Royal Blue — More intense blue than above .....	.60	1.50	5.00



SALVIA TOREADOR

GROWING SUGGESTIONS

This beautiful scarlet-flowered annual is gaining in popularity and is constantly in demand by homeowners. From July until frost it blooms profusely and is handsome in combination with white and/or pink petunias. It also may be recommended to plant in borders beside chrysanthemums for a striking fall color display. Seed should be sown in March in flats to which bottom heat is given to speed germination. From seedling to finished plant, no soil sterilized with methyl bromide should be used.

STOCKS

(Approx. 18,700 seeds per oz.)

Non-Branching

EXCELSIOR COLUMN STOCKS

- | | |
|---|---|
| Apricot —Large flowered
creamy buff | Rose Pink —Clear rose
pink |
| Dark Blue | Royal Purple |
| Deep Apricot | Ruby —Rich crimson red |
| Gardenia —Shimmering
glistening white | Silvery Lilac —Lavender |
| Malmaison Pink —Blush
pink | White |
| Pacific Pink —A true pure pink Stock, extremely good
under artificial light. Cream base with a touch of
salmon. Does not have bluish cast of other pink and
rose-pink Stocks. | Yellow Wonder — Rich
creamy yellow with full
double florets well ar-
ranged on long spikes. |
| Pacific White —Vigorous, very early, well-spaced florets
which force well. | |

PRICES ABOVE: Tr. Pkt. \$1.25 ¼ oz. \$2.75 Oz. \$10.00

Branching

GIANTS OF CALIFORNIA

The Giants of California can be grown similarly to the non-branching type. When grown this way, the side shoots should be removed. For the retail grower the branching types are gaining popularity. These should be planted 8 x 8 inches and opped when 6 inches tall to produce side shoots of sufficient length.

- | | |
|-------------------------------|----------------------------|
| Pacific —Blue | Santa Maria —White |
| Red Woods —Blood red | Tahoe —Lavender |
| Santa Barbara —Chamois | Yosemite —Rose pink |

PRICES ABOVE: Tr. Pkt. \$.40 ¼ oz. \$1.40 Oz. \$4.50

BISMARCK (Early Giant Imperial)

This class continues to be popular with the florist for a cut flower. It is also excellent for bedding.

- | | |
|---|--|
| Buttercup —Rich yellow | Fiery Blood Red |
| Chamois —Ivory, tinted old
rose | Flesh —Bright flesh |
| Dark Blue or Purple | Golden Rose —Light gold-
en rose |
| Elk's Pride —Rich deep
purple | Lavender —Silvery lilac |
| | White |

PRICES ABOVE: Tr. Pkt. \$.40 ¼ oz. \$1.25 Oz. \$4.00

DWARF TEN-WEEK

Large Flowering for Pot Plants and Bedding

- | | |
|----------------------|--------------------------|
| Blood Red | Lavender |
| Canary Yellow | Purple |
| Carmine | White |
| Deep Rose | Mixed —All colors |

PRICES ABOVE: Tr. Pkt. \$.30 ¼ oz. \$1.00 Oz. \$3.00

TRYSONIC GIANT IMPERIAL

Years of research went into producing Trysonic Stock that produces 85 per cent or more double-flowered plants. When the seedlings reach the four-leaf stage, pick out the small, weak ones that will develop into singles and insure close to 100 per cent double-flowering plants.

- | | |
|---------------------------|----------------------|
| Fiery Red | Navy Blue |
| Bright Rose | Canary Yellow |
| Chamois —Buff-pink | White |
| Lilac Lavender | Choice Blend |

PRICES ABOVE:

Tr. Pkt. 1.75 ¼ oz. \$2.75 ¼ oz. \$5.00 Oz. \$18.00



STOCK CULTURE

Stocks are very satisfactory for Winter and Spring flowering. Sowing the seed in August and benching in October, the first flowers may be cut before Christmas if additional light (40-60 watt lamps spaced 5 feet) is used. Without this aid, the crop will come into flower in January. Continuity of bloom may be obtained by successive sowings. This non-branching type, which has come into general use, should be planted 3 inches in the row and 6 inches between rows, producing a single stem. The branching types should be planted 8 x 8 inches and topped when 6 inches tall to produce side shoots of sufficient length.

Flowering of stocks only occurs when the temperatures are below 60 degrees for the greater part of the night. To secure the greatest percentage of doubling, the largest and most vigorous plants should be selected.

SOWING DATES OF COLUMN OR NON-BRANCHING STOCKS FOR THE VARIOUS BLOOMING DATES

Time of sowing	Flowering
August 1.....	January
September 1.....	February
October 1.....	March
November 1.....	April
December 1.....	May
January 1.....	Mother's Day
February 1.....	June
February 15.....	June 15

SCHIZANTHUS

(Approx. 43,000 seeds per oz.)

Late summer sowing planted after early Chrysanthemums should flower in March. If additional light is used from October 25, blooming will start in January.

	Tr. Pkt.	1/4 oz.
Dr. Badger's Hybrids —A brightly colored large-flowered strain of medium height. Suitable either for pots or cutting.....	\$.50	\$1.25
Brilliant Blend —Dark, bright colors, suitable for cutting. If properly pinched will make a good plant.....	.60	3.25
Excelsior Compactus Mixed —Very dwarf (10" approx.) for pots.....	.60	3.25

SHAMROCK

For effective plants on March 17 seed is sown between Christmas and New Years on top of prepared pots as thickly as you would sow grass seed. This insures nice saleable pots.

	Tr. Pkt.	1/4 oz.	Oz.
True Irish	\$.20	\$.35	\$1.20

STATICE SINUATA (Improved)

Heavenly Blue —Bright clear skyblue	Rosea Superba
Kempf's Tall Improved —Deepest blue	Snow White —Greatly improved white
Lavender	Yellow —(Bonduelli)
Market Rose —(New)	New Superb Hybrid Mixed

PRICES ABOVE:

Tr. Pkt. \$.25	Oz. \$.75	1/4 lb. \$2.50	Lb. \$7.50
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STATICE SUWOROWII

RUSSIAN OR RAT TAIL STATICE

	Tr. Pkt.	Oz.
Long Lavender Spikes —Useful statice for greenhouse forcing	\$.30	\$3.00

SWEET WILLIAM (Annual)

Wee Willie — (New) — Very dwarf and compact plants. Flowers crimson, ruby, rose-pink and white.

Tr. Pkt. \$.55	1/8 oz. \$1.65	1/4 oz. \$3.00
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THUNBERGIA—BLACK EYE SUSAN

(Approx. 1,300 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
Alata —Climbing or trailing plants producing an abundance of flowers in shades of yellow, buff and orange with black centers.....	\$.25	\$.60	\$1.80

TORENIA

(Approx. 375,000 seeds per oz.)

	Tr. Pkt.	1/8 oz.	1/4 oz.
Fournieri — Rich combination of deep blue with violet splotches on lip. Good for Combinations, Pot Plants and Bedding.....	\$.50	\$1.25	\$2.25

VINCA

An excellent Bedding Plant. Sow seed in August or September.

Little Pinkie (Coquette)—Plants attain height of approx. 10" and flowers are a rose-pink, glossy deep green foliage. Free flowering.

Tr. Pkt. \$.45	1/8 oz. \$.85	1/4 oz. \$1.35	1 oz. \$4.50
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	Tr. Pkt.	1/4 oz.	Oz.
Alba Pura —Pure white	\$.30	\$.60	\$2.00
Kermesina —Crimson30	.60	2.00
White with eye30	.60	2.00
Rosa —Pink .....	.30	.60	2.00

SWEET PEAS

(Approx. 340 seeds per oz.)

SUMMER FLOWERING

*—SIX BEST

WHITE

*Gigantic—White-black seeded
Snow White

LAVENDER

King Lavender—Clear lavender

*Highlander—Pure lavender

Powerscourt—Large lavender

PINK

*Pinkie—Large rose pink

*Crony—Shrimp pink

Floradale—Rich salmon pink on cream ground

Pink Frills—Rich cream pink

PRICES: Oz. \$.40

BLUE

Reflection—Clear mid blue

Flagship—Deep navy blue

RED

*Welcome—Dazzling scarlet

Rubicund—Crimson scarlet

ORANGE

*Orange Flare

Tangerine Improved—Fiery orange

1/4 lb. \$1.25 Lb. \$4.00

EARLY WINTER FLOWERING

PINK

Annie Laurie—Pure rose pink

Ball Rose Improved—Cerise pink

Jeanne Mamitsch—Cerise pink

Josie—Brilliant rose pink, long stems

Laddie Improved—Long stemmed giant rose, pink

Rose Queen Improved—Rose pink

Shirley Temple—Delightful soft rose pink

BLUE

Blue Bonnet—Best clear blue

Mrs. Herbert Hoover—Clear blue

Princess Blue—Rich belladonna blue

ORANGE

Ball Orange Improved—Clear deep orange

Sequoia—Golden salmon cerise, large flowers

Treasure Island—Sparkling shades of golden orange

Valencia—Sunproof orange

PRICES: Oz. \$.55

LAVENDER

Fragrance—Clear lavender

Harmony—Clear lavender

Lavanda—Clear lavender

Memory—Clear rosy lavender

Triumph—Lilac mauve, long stemmed

Twilight—Lavender, with larger flowers than Harmony, which is nearest this color; vigorous grower

RED

Bright Light—Flaming scarlet

Fiesta—Red

Grenadier—Dazzling scarlet

Mars—Rich deep crimson

Pride—Pure deep even cerise

Signal Red—A real sunproof scarlet of great brilliance

WHITE

Hope—(Black Seeded) Pure white

Snowstorm—White

White Harmony—(Black Seeded)

1/4 lb. \$1.65 Lb. \$6.00

MULTIFLORA CLASS

A new, free-flowering class of Sweet Pea which produces many stems with five and six flowers. Stems are exceptionally long as well, making this a profitable market variety.

Lavender—Giant size blooms on exceedingly long stems.

Orange Cerise—Characterized by its vivid color and large flowers.

Rose—Vigorous grower with large, medium-rose flowers.

Salmon Pink—Rose-pink flowers with tinge of salmon. Four and five flowers to the

stems which are long but not so strong as the other varieties in the class.

•Whirlwind—Considered the best white of the group. Five or six flowers of a light rose are borne on strong 14-inch stems. Vigorous grower.

White—Pure white flowers, many fives, are carried on strong stems. Good for wedding work.

PRICES: 1/2 oz. \$1.10

Oz. \$2.00

4 oz. \$6.65

Lb. \$20.00

SPRING FLOWERING

CUTHBERTSON STRAIN

This class of Sweet Peas replaces Spring-Flowering of types previously offered. Indoors, seed sown November 1st, will bloom in April. The Cuthbertson Class is recommended for sowing after November 1. It needs strong spring sun to bloom.

It is exceptionally successful outdoors, in the North, flowering two weeks later than the Early Flowering, and two to three weeks earlier than the Summer Flowering.

Billy — Bright cerise rose on salmon

Carol — Strong growing clear pink

Coline — Vigorous sunproof scarlet

Danny—Navy blue

Doris—Deep cherry rose

Evelyn—Salmon cream pink

Frank G. — Strong growing lavender

Jimmy—Deep scarlet

Janet — A pure black seeded white

Jessie — Wavy flowers of clear satin mauve

Lois—Rose pink on white background

Tommy—Clear medium blue

Mixed

PRICES:

1/2 oz.

1 oz.

1/4 lb.

\$.35

\$.55

\$1.65

Gloeckner

FLOWER SEEDS

27

VERBENA

(Approx. 10,000 seeds per oz.)

Excellent for window boxes or combinations, Verbenas are also popular for bedding. To hasten germination seed should be sown in a 65° soil temperature. Because the plants tend to sprawl, they are easier to handle during the bedding sale season if they are pinched back early. Once established they may be grown at a 50° night temperature.

HYBRIDA GRANDIFLORA GIGANTEA

A popular bedding plant due to its free flowering qualities. Seed must be sown early to get good plants for Spring.

Beauty of Oxford Hybrids—Rose pink to rose shades

Cerise Queen—Salmon cerise

Crimson Glow—Glowing crimson

Giant Salmon Pink—Salmon pink with white eye

Lavender Glory—Large flowered lavender with light eye

Luminosa—Fiery pink shading to salmon

Marilyn—A fiery cerise rose with small cream eye

Royale—Blue with creamy eye

Spectrum Red—Intense bright red

Sutton's Blue—Deep royal blue without eye

Vivid—Very bright sunproof scarlet red

White—Pure white

Mixed

PRICES ABOVE:

Tr. Pkt. \$.45 ¼ oz. \$1.25 Oz. \$3.75

BUSH-TYPE VERBENAS

These new "Bush-Type" Verbenas are becoming very popular for their uniform, vigorous and upright growth. Eight to ten inches high, the plants are topped with a dense mass of flower heads.

Firelight—Vivid solid red

Roselight—Bright rose, white eye

Salmon Queen—Salmon-pink

Snow White

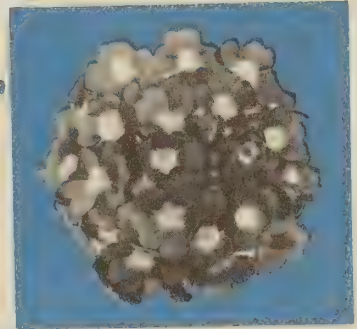
Starlight—Blue, cream eye

Bush Type Blend—Brilliant mixture of above

PRICES ABOVE:

Tr. Pkt. \$.55 ¼ oz. \$1.30 Oz. \$4.00

Gloeckner



SPECIAL STRAIN MIXED

A fine mixture of dwarf Verbena for spring bedding plant sales. The plants are very dwarf in habit and have a splendid range of colors containing many of the eye types through the mixture.

This is an excellent dwarf Verbena especially adapted to growing in 2¼" and 3" pots.

This is the first time we have been able to offer this seed in quantity.

Tr. Pkt.	¼ oz.	½ oz.	Oz.
\$1.00	\$2.00	\$3.50	\$6.00

DWARF COMPACTA

(AN EXTRA DWARF TYPE)

Crystal—Pure white flowers produced in abundance

Delight—Coral-pink suffused salmon

Sparkle—Bright scarlet red with large white eye

Sparkle-Type Mixed — Neat dwarf compact habit. Plants completely covered with giant size florets. Complete color range.

PRICES ABOVE:

Tr. Pkt. \$.50 ¼ oz. \$1.50 Oz. \$4.50



VERBENA DELIGHT

ZINNIAS

GIANT CACTUS FLOWERED

(Approx. 3,100 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
Blaze—Mandarin-red	\$.50	\$1.00	\$3.00
Burpee Hybrids — Varied mixture of brilliant colors and blends.....	.40	.75	2.50
Eskimo — Flowers open creamy white changing to pure white as they mature. Needle petals not twisted .....	.40	.75	2.50
Floradale Scarlet — Vibrant red with twisted flat petals .....	.40	.75	2.50
Ice Cream Imp. — Large cactus flowered hybrid, true cream yellow .....	.50	1.25	3.75
Pride of Dieldrin — (New) — Bi-colored flowers, golden orange outside deepening to scarlet in the centers. Vigorous plants	1.00	1.50	4.00
Riverside Beauty—Luminous pink with curled and twisted petals.....	.40	.75	2.50
Sunny Boy — Rich buttercup yellow, flat reflexed petals.....	.40	.75	2.50
Treasure Island—Vigorous plants, covering a wide color range. Flowers large and fully double...	.40	.75	2.50

DAHLIA FLOWERED

(Approx. 3,000 seeds per oz.)

BODGER'S GOLD MEDAL STRAIN

The center petals of this popular class incurve giving the blooms a deep, full appearance.

Canary Bird—Rich canary yellow
Crimson Monarch—Deep crimson, flowers very large
Dream—Deep lavender
Eldorado—Salmon apricot
Exquisite—Light rose, deep rose center
Golden Dawn—Golden yellow
Golden State—Golden orange
Illumination—Deep rose self
Luminosa—Bright deep pink
Oriole—Orange and gold bicolor turning deep orange
Polar Bear—Large pure white
Purple Prince
Scarlet Flame—Bright scarlet
Will Rogers—Brilliant scarlet red
Finest Mixed

PRICES ABOVE:

Tr. Pkt.	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.	Lb.
\$.30	\$.50	\$.85	\$1.50	\$5.00	\$14.50

FANTASY

(Approx. 4,600 seeds per oz.)

Melody—Orchid lavender
Orange Lady—Rich shade of deep bright orange
Rosalie—Bright intense rose
Star Dust—Golden yellow
White Light—White
Wildfire—Rich dazzling scarlet
Finest Mixed—A bright colorful mixture of shaggy petaled medium sized double flowers, excellent for cutting.

PRICES ABOVE:

Tr. Pkt.	1/4 oz.	Oz.
\$.30	\$.60	\$1.80

IMPROVED LILLIPUT

(Approx. 4,000 seeds per oz.)

(Pompon or Baby Zinnias, Special Florists' Strains)

The Lilliputs are among the most popular Zinnias for cut flower use. The flowers are small, compact and symmetrical, on strong stemmed 1½ ft. plants.

Canary Gem	Purple Gem
Crimson	Rosebud
Dainty Gem	Salmon Gem
Golden Gem	Scarlet Gem
Lilac Gem	White Gem
Pink Gem	Pastel Mixture

Finest Mixed

PRICES ABOVE:

Tr. Pkt.	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.	Lb.
\$.30	\$.50	\$.80	\$1.50	\$5.00	\$15.00

LILLIPUT TOM THUMB

(Approx. 5,900 seeds per oz.)

	Tr. Pkt.	Oz.
Mixture—Plants 4"-6", compact with well formed flowers of the Lilliput type. In red, orange, yellow, pink, rose and pastel shades	\$.35	\$1.50

GIANT CALIFORNIA OR MAMMOTH FLOWERED

(Approx. 3,150 seeds per oz.)

This type has rapidly gained in popularity. The plants, which are three to four feet in height, are taller than the Dahlia Flowered class and have long stems which adapt them for use as a cut flower. The large flat flowers with imbricated petals give a graceful effect. Their colors are brilliant and clear.

Brightness—Bright pink
Cherry (Cerise) Queen—Rich crimson
Crimson Queen—Rich crimson
Daffodil Improved—Canary yellow
Enchantress—Light rose, deep rose center
Golden Queen—Golden yellow
Grenadier—Bright, dark red
Isabellina—Creamy buttercup
Lavender Queen—Deep rosy lavender
Miss Willmott—Soft pink
Orange King—Cadmium or orange scarlet
Orange Queen—Golden orange
Purity—White, best white in Zinnias
Rose Queen—Striking bright rose
Salmon Queen—Salmon rose
Scarlet Queen—Glowing deep scarlet
Violet Queen—Deep purple
Finest Mixed—From named varieties

PRICES ABOVE:

Tr. Pkt.	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.	Lb.
\$.30	\$.50	\$.80	\$1.50	\$5.00	\$15.00

Peppermint Stick—Contains a wide color range of Pumila-type flowers, 60% of which are beautifully striped. An improvement over previous striped strains.

Tr. Pkt.	1/4 oz.	Oz.
\$.35	\$.75	\$2.25



**DAHLIA FLOWERED
WILL ROGERS**



ORTHO POLKA



SUPER CROWN O'GOLD

GAILLARDIA FLOWERED (Navajo)

(Approx. 5,400 seeds per oz.)

Finest Mixed—Bi-colors; mellow tones.....	Tr. Pkt. \$.35	Oz. \$1.50
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GRACILLIMA (Red Riding Hood)

Deep Scarlet — Miniature red flowers, 1 ft. - 2 ft.	Tr. Pkt. \$.25	Oz. \$1.50
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IMPROVED HAAGEANA TYPE

Persian Carpet—Double miniature flowers of colorful variegation.....	Tr. Pkt. \$.50	1/4 oz. \$1.50	Oz. \$4.50
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SUPER CROWN O'GOLD

(Approx. 3,140 seeds per oz.)

Each petal of the flower is overlaid with a deep golden yellow at the base, while carrying out the individual flower color at the tip.

Pastel Tints—Wide range of pastel shades	Tr. Pkt. \$.25	1/4 oz. \$.50	Oz. \$1.50
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ELEGANS PUMILA DOUBLE

(Approx. 4,200 seeds per oz.)

Canary Yellow

Crimson

Golden Orange

Pinkie—Rose pink

Salmon Rose

Spun Gold—Butter yellow

Sunshine Tints—pastel
shades

Tangerine—Orange red
tinge

White

Choice Mixed

PRICES ABOVE:

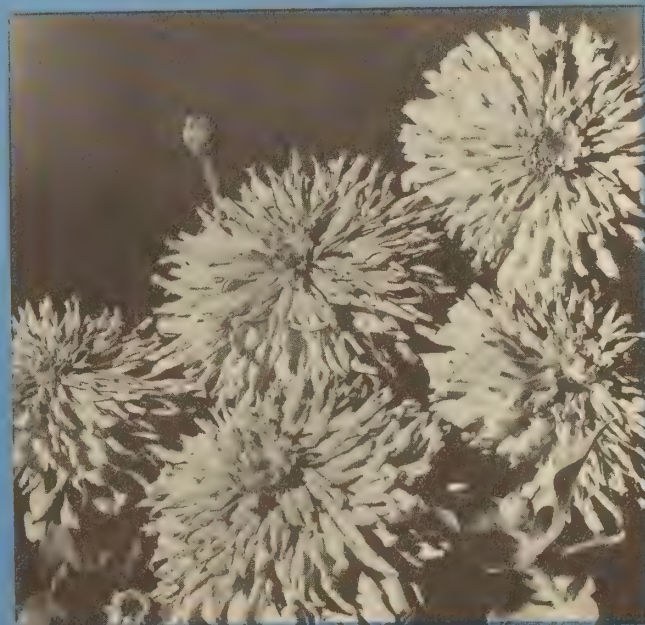
Tr. Pkt. \$.30	Oz. \$1.50	1/4 lb. \$5.00
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ORTHO POLKA

Large, fully double flowers produced on 3' plants. Flowers are striped, dotted and mottled in contrasting colors. Blooms twice as large as Peppermint Stick and of better substance.

Tr. Pkt. \$.50	1/4 oz. \$1.25	1 oz. \$3.75
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GIANT CACTUS FLOWERED—ICECREAM



**GIANT CACTUS FLOWERED
PRIDE OF DIELDRIN**

Gloeckner

FLOWER SEEDS

30 PERENNIALS

ACHILLEA

Ptarmica, the Pearl—Double pure white borne in dense heads 1/4 oz. **\$1.25** **\$.30** Tr. Pkt.

AGROSTEMMA

Coronaria Atrosanguinea—Deep blood red **\$.20** **\$.60** Tr. Pkt. Oz.

ALYSSUM

Saxatile Compactum—Dwarf shrubby habit with dense heads of golden-yellow flowers. Blooms from early spring through June and grows 4 to 12 inches high **\$.20** **\$1.20** Tr. Pkt. Oz.

ANCHUSA

Italica Dropmore—Flowers resemble clusters of giant Forget-me-nots and are turquoise blue. Plants attain a height of 3 to 5 feet and bloom during June and July **\$.25** **\$.60** Tr. Pkt. Oz.

Myosotidiflora—Produces large sprays of tiny blue Forget-me-not flowers above large heart-shaped leaves 1/8 oz. **\$1.35**; 1/4 oz. **\$2.50** **.45**

ANTHEMIS

Kelwayi—One of the best of the hardy Marguerites, produces yellow daisy-like flowers over a long season **\$.35** **\$1.10** Tr. Pkt. Oz.

Tinctoria, Perry's Variety—An improved form, of deep golden yellow **.30** **1.60**

ARMERIA

Formosa Hybrida—Various shades of rose pink. 1/4 oz. **\$1.40** **\$.40** Tr. Pkt.

ARTEMISIA

Alpina White—Attains a height of 6". The plant flowers very early and is of a spreading nature. The white flowers which appear from early spring to May are so numerous that no foliage is visible **\$.30** **\$2.00** Tr. Pkt. Oz.

ASTER

Alpinus Mixed—Plants attain a height of about 9" suitable for rockery, or front of borders, where they make a nice display during May and June. 1/4 oz. **\$1.95** **\$.60** Tr. Pkt.

AUCUBA

Tuberosa—Very showy and popular native plant during July and August bearing flowers of brilliant orange scarlet **\$.35** **\$3.90** Tr. Pkt. Oz.

AQUILEGIA

Coerulea—Rocky Mountain Blue Columbine. Clear blue with a white corolla 1/4 oz. **\$1.25** **\$.40** **\$3.75** Tr. Pkt. Oz.

Crimson Star Hybrids—Bicolor dark red with white. 1/8 oz. **\$1.75**; 1/4 oz. **\$3.00** **.60**

Long Spurred Blue Shades 1/8 oz. **\$1.10** **.60**

Long Spurred Orange and Scarlet Shades **.60** **4.50**

Mrs. Scott Elliott's Hybrids—The most popular Columbine **.50** **4.50**

Longissima—Extra long spurred pale yellow 1/8 oz. **\$3.30**; 1/16 oz. **\$1.80** **.60**

Rose Queen—Pink with white corolla **.50** **4.50**

Snow Queen—The largest pure white **.50** **4.50**

BELLIS (English Daisy)

Perennis Monstrosa (Pink, Red, White Mixed) **\$.60** **\$3.75** Tr. Pkt. 1/4 oz.

CARNATION

Early Vienna—Very dwarf **\$.60** **\$2.75** Tr. Pkt. 1/4 oz.

Grenadin Mixed **.60** **2.00**

CENTAUREA

Montana—Has numerous deep blue flowers resembling Centaurea Cyanus on plants growing about 1 1/2 feet tall. Flowers early **\$.30** **\$1.80** Tr. Pkt. Oz.

CERASTIUM

Tomentosum—Snow In The Summer is a very descriptive name for this low-growing plant. Grows about 6" high. Its small white flowers are produced in June. Excellent for rockeries **\$.30** **\$2.00** Tr. Pkt. Oz.

CHEIRANTHUS (SIBERIAN WALLFLOWER)

Allioni—The Siberian Wallflower, a biennial, produces its bright orange flowers on 15" spikes from May to September. To keep plant blooming, flowers must be cut **\$.20** **\$.45** Tr. Pkt. Oz.



AQUILEGIA



DIANTHUS



FOXGLOVE

Gloeckner

FLOWER SEEDS

31

CAMPANULA

Calycanthema—(Cup and Saucer). One of the most showy of this group. The flowers are large on stalks that attain a height of about 2 feet. Good for cutting.

	Tr. Pkt.	Oz.
Blue	\$.25	\$1.75
Lilac .....	.25	1.75
Pink .....	.25	1.75
White .....	.25	1.75
Mixed .....	.25	1.75

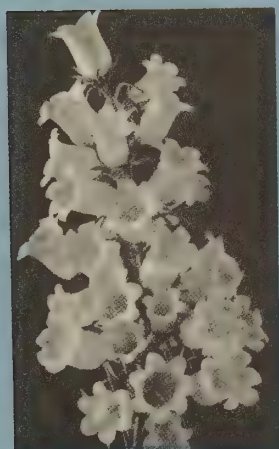
Persicifolia—(Peachleaf, Bellflower). This variety grows from 2 to 3 feet tall and produces flowers that are more shallow than bell shaped and has foliage that is long, narrow and very graceful.

	Tr. Pkt.
Blue—Very hardy	\$.50
Alba—Very hardy .....	.50

Pyramidalis—The Chimney-Bellflower is one of the tallest Campanulas attaining a height of about 5 feet. Its long stalks of flowers start blooming in August and continue for several weeks.

Alba	\$.40
Blue .....	.40

Rotundifolia—Scotch Harebell is an attractive flower producing little bells of blue during late spring and continuing over a long season. Grows 12" tall..... .60



CAMPANULA



HEUCHERA



GAILLARDIA

CHRYSANTHEMUM (SHASTA DAISY)

	Tr. Pkt.	Oz.
Alaska — Most popular of all. Large pure white blooms on excellent stems. Starts blooming in June and continues for some time.....	\$.25	\$1.40
May Queen—(Spring Marguerite)—Medium sized flowers .....	.50	1.50
Mayfield Giant—Extremely large flowers measuring three to four inches in diameter. Strong robust growth, 2½ to 3 ft. tall.....	.25	1.50

COREOPSIS

Mayfield Giant—Deep golden yellow, large flowers, early	\$.25	\$.90
Double Sunburst — Large, golden yellow, fully double flowers .....	.25	1.10

DELPHINIUM (See Page 13)

DIANTHUS

	Tr. Pkt.	Oz.
Plumarius Double Mixed — The grass, or Garden Pinks, are low-growing plants, which bloom early in the spring	\$.45	\$5.25
Deltoides Brilliant (Maiden Pink)—Deep rose, 8" .....	.50	

DIGITALIS (FOXGLOVE)

Flowers during June and July. The flowering spike grows well over three feet in height with individual tubular or bell-shaped flowers, placed close on the side of the strain.

	Tr. Pkt.	Oz.
The Shirley—Giant hybrids, spotted throats.....	\$.35	\$3.00

GAILLARDIA

Blanket flowers are showy and of easy culture. They begin to flower in June and continue until frost.

	Tr. Pkt.	Oz.
Burgundy—Copper scarlet self	\$.30	\$2.50
Dazzler—Large rich red flowers with orange tip. Fine for cutting .....	.30	1.90
Goblin—Dwarf, compact .....	.40	2.90
Portola Hybrids—Red with golden tips. Excellent for cutting .....	.30	2.00

OSYRIS

This plant which flowers from May to October is useful for cutting and can also be used for borders and rockeries.

	Tr. Pkt.	Oz.
Mrs. Bradshaw — Brilliant scarlet. Double flowers. Good for cutting	\$.30	\$2.90
Lady Stratheden—Double golden yellow, Excellent for cutting .....	.30	2.90

CYPSOPHILA

One of the daintiest of old-fashioned flowers. The plants are covered with small blooms all during the summer. The tall growing varieties are good for cutting, while the dwarf forms are useful for edgings and rock gardens.

	Tr. Pkt.	Oz.
Paniculata — (Single) — Hardy, graceful sprays of white flowers	\$.25	\$1.00
Pacifica — Rose, 4 ft., blooms when paniculata varieties have passed. Excellent for cutting.....	.40	3.75
Repens Rosea—Light rose 6", fine rock plant.....	.40	3.75
Repens White—6", fine rock plant.....	.40	3.75

HEUCHERA

One of the most desired of the smaller growing plants. The plants of Sanguinea are compact, bushy and grow in tufts with flower stems about 1½ feet high, blooming in mid-summer.

	Tr. Pkt.	1/8 Oz.
Sanguinea—Fine for cutting	\$.60	\$3.00

HOLLYHOCK — CHATERS DOUBLE

Black Gem—Maroon	Newport Pink
Chamois	Salmon Rose
Enchantress—Deep rose	Virgin Queen—White
Fire King—Scarlet	Mixed
Golden Drop—Sulphur	

Tr. Pkt. \$.35

Oz. \$1.70

PERENNIALS (Cont'd)

IBERIS

Low-growing plant that grows about 9 to 12" tall, and spreads out making mats which are covered with flat dense clusters of flowers from the end of April through June.

	Tr. Pkt.	Oz.
Gibraltarica—Lilac	\$.30	\$1.50
Sempervirens—White .....	.60	4.75

LAVENDULA — SWEET LAVENDER

	Tr. Pkt.	1/4 oz.
Munstead's Strain — Well-known fragrant hardy perennial. Always in good demand.....	\$.40	\$1.25

LIATRIS

Long spikes 4 to 5 feet tall of rosy purple. Flowers during August and September.

	Tr. Pkt.	Oz.
Pycnostachya—Rosy purple. Fine for cutting.....	\$.35	\$3.00

LINUM

	Tr. Pkt.	1/4 oz.	Oz.
Perenne—(Flat)—Blue. 1 1/2 ft. tall	\$.30		\$.90
Flavum—Yellow. 2 ft. tall .....	.30	\$.85	2.50

LYCHNIS

	Tr. Pkt.	Oz.
Chalcedonica—Flowers in June. Produces several flower stems over 3 ft. tall with immense heads of vermilion scarlet flowers	\$.25	\$1.50

MYOSOTIS

	Tr. Pkt.	Oz.
Alpestris Victoria—Grows about 6" tall and is compact in growth. Produces its clear blue flowers beginning in April	\$.60	\$4.75
Palustris Semperflorens — Beginning blooming about May and continues until fall.....	.40	3.25

PRIMULA

Hardy Primrose are showy plants that have small dainty flowers during April. The plants grow about 6 to 8 inches tall.

	Tr. Pkt.	1/4 oz.
Auricula Alpine	\$1.00	\$5.00
Veris Munstead's Strain	1.25	5.25

PYRETHRUM

These are excellent for cutting. The bright colored daisy-like flowers are produced on long stems. Plants grow about 2 to 3 ft. tall and flower in June.

	Tr. Pkt.	1/4 oz.
Hybridum Single Mixed	\$.60	\$5.50
Double Mixed	1/8 oz. \$1.60; 1/4 oz. \$2.75	.60 8.25

SAPONARIA

	Tr. Pkt.	Oz.
Ocymoides—Rose	\$.30	\$2.10

SCABIOSA

Plants grow about 2 to 3 ft. tall producing their flowers on long wiry stems from June to September. Good for cutting.

	Tr. Pkt.	Oz.
Caucasica Isaac House Hybrids—Improved strain. Flowers range from lavender to dark blue. Excellent for cutting	\$.45	\$4.00
Caucasica Lavender—Good cut flower.....	.35	2.75

STATICE

	Tr. Pkt.	Oz.
Caspia—Lilac. Fine for table decoration.....	\$.40	\$2.75
Dumosa—Silvery gray flowers. Good cut flower.....	.40	2.75
Latifolia—Deep blue flowers. Fine for cutting.....	.30	2.00

SWEET WILLIAM

	Tr. Pkt.	Oz.
Scarlet Beauty—Scarlet red	\$.40	\$2.60
Single Mixed .....	.40	2.60
Double Mixed .....	.40	2.60

Dwarf Alpinus Midget Mixed — Early flowering type of Sweet William, consisting of light and dark colors, mixed. Height 4 to 6 inches. Suitable for border or rock garden planting.

1/4 oz. \$1.50 .60 4.75

TRITOMA

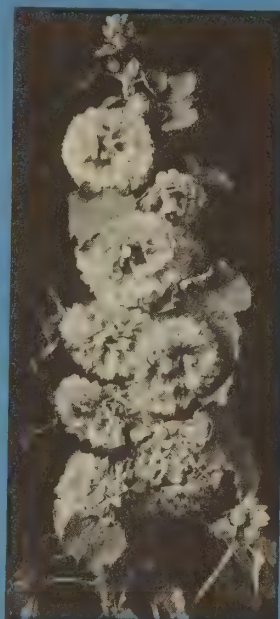
	Tr. Pkt.	Oz.
Hybrids—(Red Hot Poker)	\$.45	\$2.40

VERONICA

	Tr. Pkt.	Oz.
Spicata—Grows about 1 1/2 ft. tall and produces its bright blue flowers during June.....	\$.50	\$4.00

VIOLA CORNUTA

	Tr. Pkt.	1/4 oz.	Oz.
Admiration—Large dark blue	\$.60		\$6.00
Chantreyland—Pure apricot .....	.60	\$2.00	
Arkwright Ruby—Wonderful large rounded flowers of ruby crimson with terra cotta and darker markings. Fragrant.....	.60	2.00	6.00
Blue Perfection—Large flowered fine light blue .....	.60	2.00	6.00
Lutea Splendens—Golden yellow .....	.60	2.00	6.00
Papilio—Blue and white .....	.60	2.00	



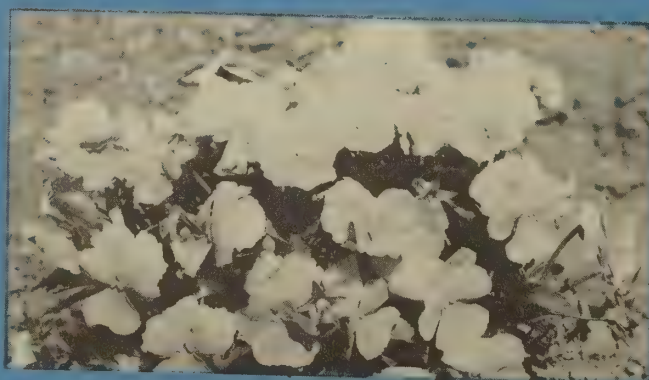
Hollyhock



Iberis



Scabiosa



Viola

CAULIFLOWER

	1/4 oz.	Oz.
Early Snowball "A" (Dwarf Erfurt) — One of the most satisfactory early strains of Snowball.....	\$.80	\$2.50
Snowdrift — Heads large firm and snow white.....	.80	2.50

CELERY

	Oz.	1/4 lb.
Golden Yellow Self Bleaching — Standard early market variety	\$.90	\$3.00
Golden Plume — Early, non-bolting variety. Fine flavor, solid and tender	1.20	4.00
Emperor —Dwarf growing, very brittle and of excellent flavor. Good winter keeper .....	.80	2.50
Giant Pascal — Stems thick, of fine quality, rich nutty flavor. An excellent variety	1.00	3.35

BROCCOLI

	Oz.	1/4 lb.
Italian Green Sprouting — (Early strain). Vigorous early type forming large compact central heads and very few laterals	\$.40	\$1.35

BRUSSELS SPROUTS

	Oz.	1/4 lb.
Long Island Improved — Plant dwarf and compact	\$.50	\$1.50

CABBAGE

	Oz.	1/4 lb.	Lb.
Copenhagen Market —Early, round headed variety. Excellent quality	\$.65	\$2.00	\$6.00
Danish Ball Head — Most popular late variety. Good keeper .....	.75	2.50	7.25
Early Jersey Wakefield — The earliest oblong variety. Sure header, small heads, suitable for home gardens .....	.40	1.55	4.25
Glory of Enkhuizen — Heads large and globular, stem medium short .....	.50	1.30	4.25
Golden Acre — The earliest resistant cabbage developed. A SOLID ROUND HEAD OF MEDIUM SIZE .....	.75	2.50	7.50
Jersey Queen —In type and earliness about the same as Jersey Wakefield .....	.60	2.00	6.00
Wisconsin All Season —A main crop yellow resistant cabbage. Round head, good quality .....	.85	2.80	8.75
Mammoth Red Rock — Best red variety. Good keeper, round head .....	.60	2.00	6.00
Marion Market (Resistant) — A resistant Copenhagen Market matures a trifle later .....	.60	2.00	6.00
Premium (Late) Flat Dutch — Large late variety. Very good quality, excellent keeper .....	.60	2.00	6.00
Savoy, Chieftan — Earlier than standard market varieties of Savoy. Plant medium short stemmed .....	.60	2.00	6.00

CUCUMBER

	1/2 oz.	1 oz.	1/4 lb.
BURPEE HYBRID	\$2.20	\$4.25	\$12.75

For description see Cucumber Burpee Hybrid, in F1 Hybrid section—see page 34.

EGG PLANT

	Oz.	1/4 lb.	Lb.
Black Beauty — An extra early, large variety with few seeds	\$.60	\$2.00	\$6.00
Florida High Bush — Plants of strong upright growth, producing fruit well above the ground .....	.60	2.00	6.00
Improved New York Purple — Popular home and market garden variety.....	.75	2.25	7.50
	1/4 oz.	1/2 oz.	Oz.
BURPEE HYBRID	\$4.00	\$7.00	\$12.00

For description see Egg Plant Burpee Hybrid in F1 Hybrid section—see page 34.

LETTUCE

	Oz.	1/4 lb.	Lb.
Black Seeded Simpson —Ideal mid-summer leaf variety, will withstand heat and drought	\$.20	\$.70	\$2.00
Grand Rapids Forcing —The leading greenhouse forcing leaf variety, but may be grown successfully outdoors .....	.25	.80	2.40
Big Boston — A large headed variety for mid-summer and fall use .....	.25	.70	2.25
Imperial No. 44 —Has very long well folded leaves and produces hard, well formed heads .....	.45	1.50	4.75
New York 12 —An early sure heading strain adapted to warmer weather. Forms flat heads with light green leaves .....	.45	1.50	4.75
Salad Bowl — Improvement over Oak Leaf. Early, stands summer heat exceptionally well. Loose leaf variety .....	.75	2.50	7.50

ONION

	Oz.	1/4 lb.	Lb.
Prizetaker — Large, globular, yellow. Flesh coarse and mild	\$.70	\$2.30	\$7.00
White Sweet Spanish — White with clear glistening skin. Globe-shaped .....	.70	2.30	7.00
Yellow Sweet Spanish (Utah Strain) — Globe-shaped, keeps extra well .....	.70	2.30	7.00

PARSLEY

	Oz.	1/4 lb.	Lb.
Extra Triple Curled (Moss Curled) —Plants compact leaves dark and finely cut.....	\$.20	\$.50	

PEPPER

	Oz.	1/4 lb.	Lb.
Bull Nose or Large Bell (Hot) — Medium size fruits, deep green when immature, scarlet when ripe	\$.70	\$2.50	\$7.00
California Wonder (Sweet) — Much used, particularly by market growers. Large green fruits practically as early as Ruby King .....	.70	2.50	7.00
Cayenne Long Red (Hot) — A leading sort for use in pickles, for canning and for drying. Fruits long, tapered, and very pungent .....	.60	2.00	6.00
Chinese Giant (Sweet) —The largest sweet pepper. Roundish, blunt, mild and sweet throughout. Deep green changing to deep scarlet	1.00	3.25	9.50
Crimson Giant (Sweet) — Very mild, popular home and garden variety.....	.60	2.00	6.00
Golden California Wonder —Golden fleshed type	1.00	3.35	10.00
Harris Early Giant (Sweet) —The best very early pepper for home and market gardens. Large fruits, slightly tapered. Deep green changing to bright red.....	.65	2.25	6.50
Hungarian Yellow Wax (Hot) —Yellow very early. Fruits long, tapered. Waxy light yellow .....	.75	2.50	7.50
Pimento (Sweet) — Standard variety for home and market garden. Fruits heart-shaped and very smooth .....	.75	2.50	7.25
Ruby King (Sweet) — A favorite for home and market garden. Fruits large and slightly tapered. Bright red .....	.65	2.25	6.50
Sweet Yellow (Sweet) — Skin golden yellow, flesh thick and bright yellow.....	.65	2.25	6.50
World Beater (Sweet) — An early sort. Fruits large, oblong; flesh thick and sweet. Bright red .....	.60	2.00	6.00

RADISH

	Oz.	1/4 lb.	Lb.
Improved Scarlet Globe — Very early sort, valuable for out of door culture and for forcing. Uniform, rich bright, scarlet, flesh white	\$.15	\$.45	\$1.50
Scarlet Turnip, White Tip — Popular variety, small top. Root bright scarlet with white area about the tip .....	.15	.40	1.25
White Icicle —The best early white variety. Roots long, tapered, very white throughout .....	.20	.40	1.30

Gloeckner

VEGETABLE SEEDS

TOMATO

	Oz.	1/4 lb.	Lb.
Bonny Best (73 days)—A general purpose tomato. Fruits evenly colored scarlet-red, medium large	\$.60	\$2.00	\$6.00
Break O'Day (73-75 days) — Early wilt resistant, globe-shaped sort. Fruits large, scarlet of good quality	.80	2.70	7.50
Chalk's Early Jewel (75 days) — Very thrifty, heavy producer. Fruits scarlet-red, large and firm	.70	2.35	7.00
Crimson Cushion (Red Beefsteak)...	1.00	3.25	9.75
Dwarf Stone (82 days) — Strictly dwarf and tree-like, require no training. Fruits bright red, medium sized	.80	2.70	8.00
Earliana (64-66 days)—Particularly valuable for home garden and early market. Fruit medium size flattened	.90	3.00	9.00
Giant Tree —(Italian Potato Leaf)—A pink tomato of large size. The large smooth fruits have few seeds. Flesh is tender and mild.	1/4 oz. \$1.20	3.50	12.00 36.00
Globe "A" (Forcing) — Improved. Developed by Ohio State Experiment Station—Pink fruits a little larger than regular Globe. Ships well	1/4 oz. \$2.50	8.00	
Globe (Livingston's) (81 days) — Heavy producer, fruits purplish pink, large globe shape, scarlet red	.65	2.00	6.00
Golden Queen —Large yellow fruit, mild flavor	.70	2.35	7.00
Greater Baltimore (83 days)—Similar to Stone and particularly valuable for canning	.50	1.75	5.00
John Baer (73 days)—Very similar in every respect to Bonny Best.....	.60	2.00	6.25
Jubilee — Fruits bright golden orange with few seeds. (72 days).	1/4 oz. \$.30; 1/2 oz. \$.50	.90	2.70 8.00

Marglobe (75-78 days) — Resistant to Fusarium wilt. Fruits uniform deep scarlet, globe shape and of distinct quality Oz. 1/4 lb. Lb.
\$.60 \$2.00 \$6.00

Master Marglobe (75-78 days) — HIGHLY resistant and heavily productive90 3.25 9.75

Michigan State Forcing — Developed at Michigan State College. Very productive under restricted light conditions. Fruits deep scarlet, globe shaped, are borne in clusters of five to eleven... 1/4 oz. .50 1.50

Oxheart—Heart shaped. Pink fruit, mild flavor 1.10 3.70 11.00

Ponderosa (85 days)—One of the best for home use. Fruits purplish-pink, very fleshy with few seeds, of very mild flavor..... .85 2.75 8.50

Pritchard (Scarlet Topper)—Wilt resistant, heavily productive. Fruits large, globular, scarlet and well colored about the stem end..... .65 2.20 6.50

Rutgers (78 days)—Highly recommended for second early maturing variety for canning and tomato juice. Fruits similar in shape to Marglobe. Uniformly colored flesh65 2.20 6.50

Stokesdale (70-73 days) — Early suitable for shipping. Fruits uniform deep scarlet, globe shape85 2.75 8.50

STOKESCROSS No. 5: Maturing 75 days, average size of fruit 4.7 ounces. This is perhaps the strongest F2 of the hybrid yet produced. It is recommended for market or for processing, and is an excellent producer. This new cross is a magnificent tomato which carries enthusiastic endorsement as one of the finest hybrids ever produced.

Tr. Pkt.	1/4 oz.	1 oz.	1/4 lb.
\$.75	\$1.25	\$3.50	\$12.00

Stone Improved (85 days) — Very solid fruit scarlet red, flat shape65 2.20 6.50

Valiant — Early red90 3.00 9.00

F1 HYBRID VEGETABLE SEED

Cucumber — Burpee Hybrid — High resistance, vigor and long production, make this a truly outstanding variety.

1/2 oz.	1 oz.	1/4 lb.
\$2.20	\$4.25	\$12.75

Egg Plant—Burpee Hybrid—Vigorous, continuous producer. Highly resistant to drought and disease. Fruits medium size.

1/4 oz.	1/2 oz.	1 oz.
\$4.00	\$7.00	\$12.00

Tomato — Burpee Big Boy Hybrid® — One of the largest F1 Hybrid Tomatoes. Fruits are firm, smooth, deep globe, scarlet of excellent flavor and quality. Mid season producing continuously until frost.

® Registered Trademark of W. Atlee Burpee Co.

1/8 oz.	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.	1 lb.
\$4.50	\$8.50	\$16.00	\$30.00	\$98.00	\$295.00

FERTILIZERS

ELECTRA

(5-10-3)

A highly organic fertilizer designed especially for florists. Contains major, minor and trace elements needed for plant growth.

80 lbs. \$6.00

WATER SOLUBLE FERTILIZERS

KAPCO LIQUID FERTILIZERS:

20-20-20	{ 25 lbs.	22c per lb.
15-30-15	{ 80 lbs.	20c per lb.
21-7-7	{ 25 lbs.	26c per lb.
	{ 80 lbs.	25c per lb.

Prices F.O.B. McKeesport, Penna.

PETERS MIXED FERTILIZERS

(Packed in 25 lb. bags only)

	1-3 bags per 25 lb. bag	100 to 975 lbs.	1000 to 1975 lbs.	2000 lbs. up
15-15-15	\$6.50	\$.22	\$.21	\$.20
20-5-30	6.50	.22	.21	.20
21-7-7 Neutral	6.50	.22	.21	.20
20-20-20	7.00	.24	.23	.22
21-7-7 Acid	6.50	.22	.21	.20
16-4-12	6.50	.22	.21	.20
25-10-10	6.50	.22	.21	.20
25-0-25	6.50	.22	.21	.20
40-3-3	6.50	.22	.21	.20
16-4-24	6.50	.22	.21	.20
15-30-15	7.00	.24	.23	.22
13-6-6	7.50	.28	.26	.24
10-30-20	7.50	.28	.26	.24

HIDROPON

10% Nitrogen—12% Phos. Acid
25% Potash

A most unusual combination of many soluble plant foods. Trace elements mostly chelates and other products added but not claimed.

MADE BY THE MAKERS
OF ELECTRA

Price: \$8.00 (25 lbs.)

\$12.00 (50 lbs.) \$20.00 (100 lbs.)

LIQUID "M" POWDERED

17% Nitrogen—24% Phos. Acid
18% Potash

Trace elements mostly as chelates and other products added but not claimed.

MADE BY THE MAKERS
OF ELECTRA

Price: \$8.00 (25 lbs.)

\$12.00 (50 lbs.) \$20.00 (100 lbs.)

MISCELLANEOUS SUPPLIES

BIRD PERENNIAL POTS

Excellent for many varieties of perennials, roses, bulbs, vines and shrubs.

Sold in units of 1000 only

	Per 1000
5 1/2-in.	\$39.50
6 1/2-in.	56.50
9 1/2-in.	69.00

JEFFY POTS

Molded Peat, Pot-Growing
Container

Per 1000

2 1/4" (Packed 3000 per carton)	
3,000 to 18,000	\$ 7.25
21,000 up	6.75
3" (Packed 1500 per carton)	
1,500 to 9,000	\$13.25
10,500 up	12.25
5 cartons and up prepaid	

GRO-TAINERS

200 per case

Per 1000

No. 2	7 5/8 x 5 5/8 x 2 5/8	\$44.00
No. 3	8 3/8 x 6 7/8 x 2 5/8	58.00
No. 4	9 1/8 x 7 3/8 x 2 5/8	68.50

WOOD VENEER PLANT BANDS

(Stapled)

	Bands Only 1000	Bands with Bottoms 1000
1 3/4 x 1 3/4 x 2 1/2"	\$5.40	\$8.30
2 x 2 x 2"	5.40	8.30
2 x 2 x 2 1/2"	5.50	8.40
2 1/4 x 2 1/4 x 2 1/2"	5.70	8.50
2 1/2 x 2 1/2 x 2 1/2"	5.80	8.70
2 x 2 x 3"	5.80	8.70
2 1/2 x 2 1/2 x 3"	6.00	8.70
3 x 3 x 3"	6.60	9.20
3 x 3 x 4"	6.80	9.20
4 x 4 x 3"	6.90	10.20
4 x 4 x 4"	7.80	11.10

Unstapled bands
\$1.00 less per 1000

PLAS-TIES

Plastic covered wire plant tie, durable and non-fading.

Packed in cartons of 10,000 of a single size only. Quantity price on total order in all sizes.

	1-2 Cartons Per Carton	3 Cartons and Up Per Carton
4"	\$10.00	\$ 9.50
8"	18.00	17.00
12"	27.00	25.00

ROOTONE

A plant hormone powder for rooting cuttings and increasing root growth.

2 oz. \$1.00

BEMICEL TEKPAK

PLANTERS

These popular growing selling plant containers are 5 x 8 x 2 1/2 inches deep and are a standard colored brown.

Per 1000

250—	750 lots—	\$56.00
1,000—	4,750 lots—	53.50
5,000—	9,750 lots—	53.00
10,000—	49,750 lots—	51.50

LIGHT WOOD FLATS

(Flats Without Bands)

	100	1000
#00—Holds Dozen 1 3/4 x 1 3/4 x 2 1/2 Bands	\$3.90	\$37.00
#000—Holds Dozen 2 x 2 x 3 Bands	4.10	39.00
#0000—Holds Dozen 2 1/2 x 2 1/2 x 3 Bands	4.80	43.00
#X—Holds Six 3 x 3 x 3 Bands	4.00	40.00

PANO-DRENCH 4

An excellent liquid soil drench used to control damping-off caused by soil borne fungi (especially Rhizoctonia) on flowers and vegetables. For use in all soils, sands; on flats, pots, benches and outside beds. Just one to two teaspoons diluted with 3 gallons of water produces effective control. A 4 oz. bottle makes up to 72 gallons of drench—treats 300-400 sq. ft.

1 oz.	4 oz.	16 oz.
\$1.95	\$5.95	\$19.20

CANE STAKES

Bamboo, dyed green, of pencil thickness. Packed 2000 per bale.

12 inch to 5 feet

At Market Prices

HYACINTH STAKES

Split bamboo, dyed green in bales of 5000 sticks.

12, 15, 18 and 24 inch

At Market Prices

BIRD PEAT POTS

	Per 1000
2 1/4" packed 2000	
per case	\$ 7.00
3" packed 2000	
per case	13.00

Write for Quantity Prices

BIRD BANDS

	1 1/2 x 1 1/2 x 2 1/2	1 3/4 x 1 3/4 x 2 1/2	2 x 2 x 2 1/2	2 x 2 x 3	2 1/2 x 2 1/2 x 3	3 x 3 x 3	4 x 4 x 3	4 x 4 x 4
Vita Band 10	\$ 4.70	\$ 5.00	\$ 5.25	\$ 5.75	\$ 6.25	\$ 6.90	\$ 9.00	\$11.25
Vita Band D	4.85	5.15	5.35	6.05	6.30	7.05	9.25	11.60
Vita Band H		6.10	6.45	7.55	8.10	8.50	10.45	12.90

BIRD POTS

	2"	2 1/4"	2 1/2"	3"	3 1/2"	4"	5"	6"
Vita Pots	14.60	14.95	15.50	17.00		25.70	33.40	
Red Pots	9.00	9.00	9.10	9.60	12.80	15.50	19.00	23.40
Vita Green Pots		7.10	8.60	12.40	14.30	16.75		
Bird Peat Pots		7.00		13.00				

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

INSECTICIDES *Fungicides & Fumigants*

ARAMITE 15W	4-lb. bag	\$ 3.20	LINDANE 1½% dust (50 lbs. minimum).....	50 lbs.	\$10.00
CHLOROZENZILATE 25W	4-lb. bag	4.20	25% Wettable Powder	4 lbs.	8.35
DEENATE 50W (DDT)	4 lbs.	2.25	MALATHION 4 lb. 25% wettable powder.....		3.25
	48 lbs. (12, 4-lb. bags)	21.60	1 gal. 50% emulsion.....		14.80
DIELDRIN 50%	4-lb. bag	6.60	MILDEX	3-lb. bag	5.80
DITHIO 5% AEROSOLS	4 lbs.	8.00	NICOFUME LIQUID	1 gal. (8 lbs.)	13.80
DUPONT SPREADER STICKER	1 gal.	8.50	NICOFUME PRESSURE		
ENDRIN 1.6	1 gal.	11.90	FUMIGATORS	½-lb. cans (12 cans)	5.65
FERMATE	3 lbs.	2.45		1-lb. cans (12 cans)	10.50
	Case (12, 3-lb. bags)	25.80	OPTOX (10% DDT)	gal.	12.00
FULEX			ORTHOCIDE 50W (Captan).....	50-lb. drum	54.00
Parathion Fumigators				5 lbs.	5.70
For Red Spiders, Aphids and Thrips on florist crops.			PLANTFUME 103	5,000 cu. ft. carton—36	10.50
Carton (24 cans)				20,000 cu. ft. carton—12	12.00
1,000 cu. ft.....	\$11.50	5,000 cu. ft.....	\$14.50	PARATHION SPRAY (15% Wettable).....	4-lb. bag 3.50
2,000 cu. ft.....	11.50	10,000 cu. ft.....	17.00	PARZATE	
20,000 cu. ft.....	26.00			Powder	3-lb. bag 3.30
Aphid-Smoke Fumigators					Case (36 lbs.) 31.20
For Aphids and Adult White Flies on florist crops.			P-40	25 lbs.	20.00
Carton (24 cans)				50 lbs.	37.50
1,000 cu. ft.....	\$11.00	5,000 cu. ft.....	\$14.00		100 lbs. 70.00
2,000 cu. ft.....	11.00	10,000 cu. ft.....	17.00	SODIUM SELENATE (Pure).....	4 oz. 4.00
20,000 cu. ft.....	25.00				1 lb. 12.50
Spider-Mite Fumigators			SNAROL	6 lb.	2.00
For Red Spiders, including some Parathion-resistant				50 lbs.	9.75
strains on carnations, chrysanthemums and snap-			SNAILICIDE	5 lbs. 4.00	20 lbs. 13.00
dragons.			TERRACHLOR 75WP	5 lb.	5.00
Carton (24 cans)				Case (10 5-lb. bags)	45.00
1,000 cu. ft.....	\$11.50	5,000 cu. ft.....	\$14.50	VAPATONE XX	1-gal. can 12.00
2,000 cu. ft.....	11.50	10,000 cu. ft.....	19.00	ZERLATE	3 lbs. 2.45
20,000 cu. ft.....	31.00				Case (36 lbs.) 25.80
ISOTOX 1 (supplied in 50-lb. bags only).....	50 lbs.	\$ 8.50			
KELTHANE EMULSION 18.5	gal.	15.75			
	Case (4 1-gal.), per gal.	15.00			
KELTHANE WETTABLE 18.5.....	3-lb. bag	4.80			
	Case (16 3-lb. bags), per lb.	1.50			

We can supply you with any insecticide or fungicide not listed above. Prices subject to change without notice.

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Ship to _____

Street _____

Post Office _____ State _____

Date Shipment Preferred _____

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- ALL-AMERICA SELECTIONS
- PETITE GOLD
- PETITE HARMONY
- PETITE ORANGE
- PETITE YELLOW
- PETITE MIXED

PETITE MARIGOLDS

BE SURE TO INCLUDE THEM IN YOUR SEED ORDER

NEW ANNUALS for 1958

SWEET WILLIAM
"WEE WILLIE"
 THE NEWEST IN ANNUAL EDGING
 PLANTS. THEY SELL ON SIGHT.

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NEW

F₁ HYBRID PETUNIAS

- MAYTIME
- BLUE LUSTRE
- PINK SATIN
- PEACH SATIN
- SNOW LADY

For prices and complete
 description see pages 17-19

of your *Gloeckner* seed catalog

Gloeckner

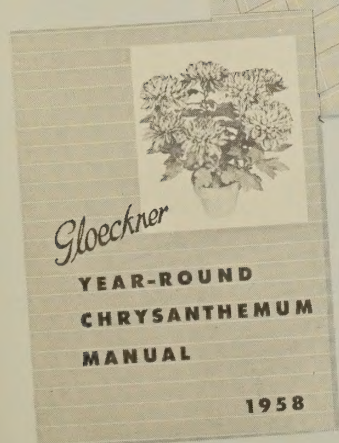
FLOWER SEEDS



BARRY SCHRADER
Walter J. Schrader Greenhouses
Johnstown, Pa.

FOR YOUR BULB AND FOLIAGE
PLANT REQUIREMENTS SEE YOUR
Gloeckner REPRESENTATIVE.

FOR A COMPLETE SELECTION OF
CHRYSANTHEMUM AND CARNATION
PLANTS. SEE YOUR *Gloeckner*
CHRYSANTHEMUM AND CARNATION
MANUALS. IF YOU HAVE NOT RECEIVED
YOUR MANUALS, THEY ARE AVAILABLE
UPON REQUEST.



INDEX

	Page		Page
A		H	
Agatheia	7	Helianthus	13
Ageratum	7	Helichrysum	13
Alyssum	7	I	
Amaranthus	7	Impatiens	14
Antirrhinum	2-5	Ipomea	14
Asparagus	7	K	
Aster	6-7	Kalanchoe	14
B		Kochia	14
Balsam	7	L	
Begonia	8	Larkspur	15
Bells of Ireland	7	Linaria	14
Browallia	7	Lobelia	14
C		Lupinus	14
Calceolaria	9	M	
Calendula	9	Marigold	16-17
Calliopsis	9	Mignonette	14
Candytuft	9	Mimosa	14
Carnation	9	Myosotis	14
Celosia	10	N	
Centaurea	9	Nasturtium	14
Cherry (Xmas)	10	Nemesia	15
Chrysanthemum	10	Nicotiana	15
Cineraria	10	Nierembergia	15
Clarkia	10	P	
Coleus	12	Pansy	21
Cosmos	12	Peppers (Ornamental)	15
Crossandra	12	Petunias	18-20
Cuphea	12	Phlox	22
Cyclamen	11	Portulaca	22
D		Primula	23
Dahlia	12	R	
Delphinium	13	Ricinus	22
Dianthus	12	S	
Didiscus	12	Salpiglossis	22
Dimorphoteca	12	Salvia	23
Dracaena	12	Saponaria	22
E		Scabiosa	22
Euphorbia	12	Schizanthus	25
Exacum	12	Shamrock	25
F		Statice	25
Feverfew	12	Stocks	24
Freesia	12	Sweet Pea	26
G		Sweet William	25
Galillardia	12	T	
Gerbera	13	Thunbergia	25
Gloxinia	14	Torenia	25
Gomphrena	13	V	
Grevillea	13	Verbena	27
Gypsophila	13	Vinca	25
PERENNIALS	30-32	Z	
VEGETABLES	33-34	Zinnias	28-29
SUPPLIES & INSECTICIDES	35-36		

